

# Storm Data and Unusual Weather Phenomena

September 1994

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Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage Property Crops	Character of Storm
ALABAMA								
Baldwin County Bay Minette	08	0658CST			0	0	3 0	Lightning
Lightning was believed to be the cause of a house fire in Bay Minette on Eighth Street. The fire was put out in a few minutes and damage to the house was minor.								
Mobile County Dauphin Island	08	0700CST			1	2	3 0	Lightning
Lightning struck and killed an oysterman as he was oystering in his boat off Cedar Point near the Dauphin Island bridge. Several other oystermen oystering nearby reported effects from the strike including two who received minor injuries. Another person in the boat with the 44-year-old man that was killed was unhurt. 044M								
Baldwin County Spanish Fort	08	0715CST			0	0	4 0	Lightning
Lightning was believed the cause of a house fire in Spanish Fort in which the rear portion of a house on Wilson Avenue was destroyed.								
Lee County Opelika	08	1110CST			0	0	4 0	Lightning
Lightning struck a transformer on top of the Opelika City Hall Thursday. The lightning strike damaged the electrical system and at least one computer. Time of the event is estimated from newspaper accounts that placed the strike at shortly after noon CDT.								
Baldwin County 5 E Robertsdale	10	1135CST			0	0	3 0	Thunderstorm Winds
Trees and large limbs were blown across power lines east of Robertsdale near U. S. Highway 90 and also near Styx River near U. S. Highway 90.								
Mobile County Theodore	17	2300CST			0	0	5 0	Lightning
Lightning struck a switch box in the rear of a business then travelled along a steel beam to the front of the building. The strike was so fierce that asphalt in the store's front puckered and cracked. The business was burned to the ground, and damage to the building and contents was \$400,000.								
Chambers County 3 N Lafayette	17	2145CST			0	0	5 0	Thunderstorm Winds (G60)
Thunderstorm wind was believed to be responsible for damage to four houses just off U.S. Highway 431 about three miles north of Lafayette in the Buffalo community. People reported a sound like a freight train when the damage occurred.								
ARIZONA								
Pima County 7.3NW Tucson	01	1634MST			0	0	5 0	Thunderstorm Winds (G80)
A microburst caused damage to two motels in western Tucson. The Days Inn Motel recieved about \$100,000 damage when severe winds tore most of the roof off 96 rooms, and knocked a large eucalyptus tree into the corner of the motel. Some water damage from heavy rain was also involved. The Pueblo Motel, a quarter mile south of the Days Inn, sustained about \$50,000 damage when a portion of the roof covering four rooms was lost.								
Maricopa County Chandler	02	1853MST			0	0	4 0	Thunderstorm Winds (G52)
Tempe	02	1900MST			1	0	0 0	Lightning
Phoenix	02	1912MST			0	0	? 0	Flash Flood (1.75)
Severe thunderstorms ripped through the greater Phoenix area with winds in Chandler estimate d between 60-65 mph. A weather spotter at 7th St. and Glendale Ave. measured 1.75 inch rain in 50 minutes. Phoenix Sky Harbor Airport, received 1.36 inch. Extensive street flooding was reported around the valley with water three to five feet deep in some underpasses. Numerous trees, bot h medium and large were blown down. A house caught fire from lightning. A roof and air								

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## ARIZONA Cont'd

conditioning unit were blown off a house on 15th Ave., south of Indian School Road. Over 129,000 customers lost power. Seventy power poles were blown down in the Queen Creek area, and another 50 poles near 7th Avenue and Baseline Road. Thunderstorm winds blew out a store front window causing an estimated \$6000 damage. A 22-year-old man was killed by lightning while trying to retrieve his vehicle in a parking lot. (O22M)

# Yavapai County Hillside

<b>02</b>	<b>2200MST</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Flash Flood</b>
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Prescott Sheriff's office reported heavy rain resulted in substantial flooding of Highway 97, and rock slides on Highway 96.

**Coconino County**  
**Sedona**

02	1530MST	0	0	0	0	Heavy Rain
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A weather spotter measured 1.10 inch rain in one hour.

**Cochise County  
Willcox**

<b>03</b>	<b>1700MST</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Heavy Rain</b>
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A weather spotter reported 0.65 inch rain in 15 minutes.

**Yavapai County  
Chino Valley**

<b>03</b>	<b>1530MST</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Flash Flood</b>
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A weather spotter reported 1.32 inch rain resulting in street flooding in town.

**Gila County**  
**Miami**

<b>04</b>	<b>1717MST</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>0</b>	<b>Flash Flood</b>
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Miami Police Department reported several drainages flooded, along with several vehicle accidents due to wind and heavy rain.

**Maricopa County  
Scottsdale**

<b>04</b>	<b>1700MST</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>Thunderstorm Winds</b>
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About 100 trees were uprooted by thunderstorm winds at a Scottsdale country club. Damage was estimated at \$50,000.

## Sun City

<b>04</b>	<b>1713MST</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Heavy Rain</b>
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## Phoenix

04	1718MST	0	0	0	0	Heavy Rain Flash Flood
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## Lake Pleasant

04	1734MST	0	0	0	0	Heavy Rain
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## Phoenix

04	1734MST	0	0	?	0	Thunderstorm Winds (G60)
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## Litchfield Park

<b>04</b>	<b>1730MST</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Flash Flood</b>
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## Tempe

<b>04</b>	<b>1810MST</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (0.75)</b>
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Severe thunderstorms rolled into the greater Phoenix area dumping 0.75 inch rain in 30 minutes in Sun City; 1.50 inch in one hour at Lake Pleasant; 1.12 inch rain in one hour at 27th Avenue and Bell Road; 1.65 inch rain in one hour was reported in Litchfield Park resulting in major street flooding. Lightning strikes started fires in three homes in Litchfield Park, but damage was minor. A storm chase team at 32nd Street and Greenway measured wind gusts to 69 mph at 1734 MST. An estimated 13,000 homes were without power.

**Pinal County  
Maricopa**

04	1642MST	0	0	0	0	Funnel Cloud
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Several public reports of a funnel cloud were received, but no reports of a touchdown.

## Stanfield

<b>04</b>	<b>1852MST</b>	<b>0</b>	<b>0</b>	<b>?</b>	<b>0</b>	<b>Thunderstorm Winds</b>
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Thunderstorm winds knocked down several power poles between 1830 and 1945 MST.

**Yavapai County  
Prescott**

04	1500MST	0	0	0	0	Flash Flood
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Prescott Sheriff's Office reported flooding on Highway 89.

## Crown King

<b>04</b>	<b>1547MST</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Heavy Rain</b>
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					Killed	Injured	Property	Crops

## ARIZONA Cont'd

A weather spotter reported 1.20 inch of rain falling in a 25 minute period.

### Coconino County Blue Ridge

07 2135MST 0 0 0 0 Heavy Rain

A weather spotter reported 1.00 inch rain falling in one hour.

### Maricopa County Buckeye

10 1654MST 0 0 ? 0 Thunderstorm Winds

Thunderstorm winds blew down power poles. One half of a roof was blown off a mobile home.

### Yuma County Tacna

10 1735MST 0 0 0 0 Hail (0.88)

### Maricopa County 2 N Tolleson W Phoenix

11 1812MST 0 0 0 0 Hail (0.75)  
11 1815MST 0 0 ? 0 Thunderstorm Winds

Thunderstorm winds downed 15 power poles and tore shingles from the roofs of several houses.

### New River

11 1930MST 0 0 ? 0 Thunderstorm Winds (G58)

Thunderstorm winds blew down power poles, downed 15 to 18 foot trees, and caused structural damage to the roof of one building.

### SE Phoenix

11 2015MST 0 0 ? 0 Thunderstorm Winds

Thunderstorm winds downed two power poles.

### Pima County Tucson

11 1500MST 0 0 0 0 Hail (0.75)

### Maricopa County Cashion Cashion Glendale

13 1500MST 0 9 6 0 Thunderstorm Winds (G87)  
13 1450MST 0 0 0 0 Hail (1.75)  
13 1450MST 0 0 0 0 Hail (1.25)

A micro burst struck a school building at the Littleton Elementary School in the community of Cashion, two miles SW of Tolleson. The roof was torn off about eight classrooms with one teacher and eight children being injured. A National Weather Service Storm Survey Team estimated winds of 100 mph. A teacher reported the ground covered with hail, some golf ball-size. A weather spotter at 75th Avenue and Camelback Road reported 1.25 hail. A mile long stretch of power poles were downed near 107th Avenue and Interstate 10. Damage to the school was estimated in excess of \$500,000.

### Phoenix

13 1700MST 0 0 ? 0 Thunderstorm Winds (G52),  
Flash Flood  
Hail (1.00)

Severe thunderstorms ripped through the greater Phoenix area, dumping large hail, heavy rain, and uprooting large trees. Weather spotters measured 1.10 inch rain at 43rd Avenue and Montebello, and 1.50 inch at 19th Avenue and Peoria, resulting in extensive street flooding.

### Tempe

13 1745MST 0 0 ? 0 Thunderstorm Winds

Thunderstorm winds downed a half dozen power poles, uprooted large trees, and tore shingles off a roof.

### Yuma County Somerton Yuma

21 0515MST 0 0 ? 0 Thunderstorm Winds  
21 0400MST 0 0 ? 6 Flash Flood

A series of thunderstorms moved through the Yuma area during the early morning hours. Rainfall amounts up to 2.5 inches led to the flooding of four homes about eight miles south of Yuma. Several roads in Somerton and U.S. 95 about eight miles northeast of Yuma were closed due to flooding. Two cars were pushed off U.S. 95 at Fortuna Wash, but the motorists were rescued unharmed. Also, localized strong winds knocked over at least five power poles on County Road 14 in Somerton. The Yuma County Extension Agent estimated crop damages from the flood approaching \$1 million, mainly cotton.

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### ARIZONA Cont'd

**Pima County**  
**25 NE Tucson**

**25 1500MST** **1 2 0 0 Lightning**

One man was killed, and two others injured by a lightning strike, while camping. The three men were playing cards inside a tent. (M25O)

**Yavapai County**  
**7 SE Prescott**

**25 1556MST** **0 0 0 0 Heavy Rain**

A weather spotter reported 1.50 inch rain from thunderstorms.

### ARKANSAS

**Woodruff County**  
**Augusta**

**05 1435CST** **0 0 4 0 Thunderstorm Winds**

Thunderstorm winds downed two large trees and some power lines.

### CALIFORNIA, Northern

Data not received.

### CALIFORNIA, Southern

**Ventura County**  
**Oxnard**

**23 0742PDT** **0 1 0 0 Lightning**

An elderly man received burns to the lower portion of his body after being struck by lightning while working in a field.

### COLORADO

**El Paso County**  
**Colorado Springs**

**01 1620MST-1640MST** **0 0 0 0 Flash Flooding**

Sand Creek overflowed causing flooding on the west entrance to Peterson Air Force Base.

**Garfield County**  
**Glenwood Springs**  
**(4W)**

**01 2130MST-2230MST** **0 2 ? 0 Flash Flood**

Heavy rains caused thousands of tons of mud and rock to slide off of Storm King Mountain 4 miles west of Glenwood Springs in Garfield County. Interstate 70 was closed for 15 hours for clean-up. The flowing mud caused injuries to 2 people when the vehicles they were driving were pushed off the road. 30 vehicles were badly damaged when they became trapped and then engulfed by mud and rocks.

**Saguache County**  
**Center**

**02 1530MST-1600MST** **0 0 0 200K Hail (0.75)**

Thunderstorms ripped through a large broccoli and cabbage patch killing an estimated 90% to 100% of the seasons crop.

**El Paso County**  
**Colorado Springs**

**02 1945MST-2200MST** **0 0 ? 0 Hail (1.00) Flash Flooding**

Thunderstorms containing hail up to 1 inch in diameter and very heavy rains moved over most of the city of Colorado Springs. Rain fell at the rate of four inches per half hour in isolated locations across the city. Hail accumulated to 6 to 9 inches deep near Garden of the Gods west of Colorado Springs. Snow plows were called out at several locations to remove accumulated hail. Four to five feet of water on one city street stranded six people in their cars who needed to be rescued. Water at Templeton Gap Floodway was 10 to 15 feet deep and 100 feet wide. 100 people were evacuated from Campers Village Mobile Home Park, where water rose rapidly to a depth of four feet.

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## COLORADO Cont'd

### El Paso County Colorado Springs

03	0005MST				0	0	?	0	Flash Flooding
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Water washed rocks from a hillside onto a highway. The rocks were piled one to two feet deep causing the closure of the road. Several cars were washed into the ditch.

### Pueblo County

03	0545MST				0	0	0	0	Flash Flood
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Fountain Creek was out of its banks at Pinon and caused flooding of low lying areas and portions of Overton Road and secondary roads.

### Pueblo County Pueblo

04	Unknown				0	0	25.0K	0	Lightning
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Lightning struck a house and caused a fire which damaged a portion of the house.

### Lincoln County

04	2150MST				0	0	?	0	Hail (0.88)
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Nickel sized hail fell on Highway 40 and 287 between Hugo and Limon. A broken windshield was reported.

### Fremont County

05	2050MST				0	0	0	0	Hail (0.63)
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Hail accumulated to 4 inches deep on Highway 50 between mile markers 263 and 265.

### Yuma County

#### 19 N Wray

06	2105MST				0	0	0	0	Hail (1.75)
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#### 19 N Wray

06	2135MST				0	0	0	0	Hail (1.75)
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#### 15 N Wray

06	2250MST				0	0	0	0	Hail (1.75)
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### Clear Creek County Squaw Mountain

07	1400MST				0	0	?	0	Lightning
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Lightning severely damaged a public television station transmitter atop Squaw Mountain in Clear Creek County.

### Montrose County Olathe

09	1257MST				1	0	0	0	Lightning
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Lightning killed a man in the middle of a raspberry patch near Olathe.

### Otero County Fowler

09	1750MST				0	0	?	0	Thunderstorm Winds
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Strong thunderstorm winds removed the roof of the Fowler City Hall. Debris from the roof struck one vehicle, causing some minor damage. Winds were estimated at 75 miles an hour.

### Boulder County Boulder

12	2115MST				0	0	0	0	Microburst Winds (G58)
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### Eagle County Vail

18	1300MST				0	3	0	0	Lightning
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Lightning struck a bicyclist riding on a raised berm in a park. Lightning also injured 2 others who were standing nearby.

## CONNECTICUT

### New Haven County Milford

09	1515EST				0	0	?	0	Lightning
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### Naugatuck

### Fairfield County

09	1530EST				0	0	?	0	Thunderstorm Winds
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### Danbury

### New Haven County

09	1630EST				0	0	?	0	Thunderstorm Winds
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### Cheshire

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## CONNECTICUT Cont'd

Numerous thunderstorms developed ahead of a cold front approaching from the northwest. A couple of these storms produced damaging winds which downed a few trees in Danbury and numerous trees and power lines in Cheshire. There were also some reports of hail with the Cheshire storm. In addition a couple of homes were seriously damaged by fire after being struck by lightning.

CTZ002>004-  
006>008

22- 2100EST-  
23 1100EST

0 0 ? 0 Heavy Rain

Heavy rain fell across much of the state with the greatest amounts of between two and four inches falling in the central part of the state. There was one report of five inches of rain falling in Woodstock. Urban street flooding was reported around the Hartford area and a few small streams may have exceeded their banks. Power outages affected about 13,000 electric customers in 60 communities across the state.

Fairfield County  
Westport  
Bridgeport  
New Haven County

27 0700EST-  
1200EST  
27 0700EST-  
1200EST

0 0 ? 0 Heavy Rain

0 0 ? 0 Heavy Rain

A warm front approaching from the south produced some very heavy rains across the area during the morning hours. Rainfall amount of between one and three inches lead to some serious urban flooding. Considerable delays were encountered on the highways during the morning rush hours.

## DELAWARE

Sussex County  
Coastline

22 1200EST-  
1600EST

0 0 6 0 High Winds  
Coastal Flood

Kent County

22 1300EST-  
1700EST

0 0 3 0 High Winds

A storm moving up the Chesapeake Bay produced sustained winds as high as 75 mph with gusts to 90 mph along the Delaware coast. Damage was relatively low since the strongest winds and highest seas occurred near low tide. At Dewey Beach, the winds ripped the roof from five beachfront condominiums, causing extensive damage to the interiors. Preliminary damage to the complex was estimated at \$250,000. Debris from the roof rained onto the parking lot, partially burying a car. The newly replenished beach sustained little erosion. Further up the coast, seas of 10 to 15 feet rocked the Cape May-Lewes Ferry. Three separate waves crashed down on the 87-vehicle payload, totalling two cars and damaging two others. Minor Coastal flooding was observed at Rehoboth Beach. A 32-foot boat sank while tied up at Roosevelt Inlet.

Trees and power lines were knocked down over the eastern portion of Sussex County, where winds gusted to over 60 mph at Indian River Inlet and Broadkill Beach. In Kent County, minimal tree and power line damage was sustained. The highest observed wind gust in Kent County occurred at Dover AFB (58 mph).

## FLORIDA

Lee County  
Ft. Myers

01 1700EST

0 1 0 0 Lightning

Lightning knocked unconscious a 22-year-old male at Regional Southwest Airport. The flash struck the ground within a few feet of him during the height of the thunderstorm.

Polk County  
Fort Meade  
40 ESE TPA

01 2018EST

0 3 0 0 Lightning

Three male police officers were shocked when lightning struck their patrol car while they were questioning a prowler. One of the officers, who was driving up to the window at the time, was hospitalized.

Monroe County  
5 N EYW

02 1505EST

0 0 0 0 Waterspout

A waterspout was observed 5 miles north of Key West International Airport.

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FLORIDA Cont'd									
Monroe County 5 NE EYW	02	1630EST			0	0	0	0	Waterspout
A waterspout was observed 5 miles northeast of Key West International Airport.									
Lee County Ft. Myers	02	1630EST			0	1	0	0	Lightning
Lightning struck and injured a male. Lightning also started several brush fires.									
Lee County Ft. Myers Beach 8 SSW FMY	02	1700EST	Short	?	0	0	2	0	Tornado (F0)
A brief tornado touchdown produced minor damage.									
Charlotte County Murdock 30 NNW FMY	02	1755EST			0	0	2	0	Thunderstorm Wind
Thunderstorm winds and lightning strikes downed trees which caused widespread power outages.									
Monroe County Middle Keys 10 ENE MTH	03	1030EST			0	0	0	0	Waterspout
Several waterspouts were reported near the middle Keys.									
Monroe County Marquesas Keys 18 W EYW	03	1645EST			0	0	0	0	Waterspout
A waterspout was observed near the Marquesas Keys.									
Broward County 12 WSW FLL	05	1555EST			0	0	0	0	Funnel Cloud
SKYWARN spotter sighted a funnel cloud in the western suburbs of Broward.									
Dade County Miami Beach 10 ENE MIA	06	0735EST			0	0	0	0	Waterspout
The public observed a waterspout 1/2 mile offshore Miami Beach at 163 St.									
Dade County Miami 3 W MIA	07	0752EST			0	0	0	0	Funnel Cloud
A pilot reported numerous funnel clouds 3 miles east of Miami International Airport.									
Dade County Homestead 22 SSW MIA	07	1600EST			0	0	0	0	Funnel Cloud
A funnel cloud was sighted in the Homestead area.									
Broward County Miramar 5 NW MIA	07	1330EST			0	1	0	0	Lightning
A 34-year-old male was holding onto a cable attached to a drum of hazardous waste when lightning struck the drum. The man was taken to the hospital, treated, and released.									
Broward County Ft Lauderdale Beach 3NE FLL	07	1645EST			0	0	0	0	Waterspout
A waterspout was sighted just offshore Ft Lauderdale Beach.									
Franklin County St. George Island 40SW TLH	08	0950EST			0	0	0	0	Waterspout
A trained spotter reported two waterspouts just off the coast of St. George Island.									

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<b>FLORIDA Cont'd</b>									
<b>Orange County Orlando</b>	<b>08</b>	<b>1330EST</b>			<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>Lightning</b>
Two construction workers were injured by a lightning strike.									
<b>Orange County Orlando</b>	<b>08</b>	<b>1330EST</b>			<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>Lightning</b>
A person working on a swimming pool was injured by lightning.									
<b>Orange County Orlando</b>	<b>08</b>	<b>1330EST</b>			<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>Lightning</b>
A maintenance man was injured by lightning.									
<b>Orange County Orlando</b>	<b>08</b>	<b>1500EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (0.88)</b>
A severe thunderstorm moved north over the eastern part of Orlando producing nickel-size hail.									
<b>Citrus County NE of Inverness 45S GNV</b>	<b>09</b>	<b>1600EST</b>			<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>Thunderstorm Wind</b>
A tree was blown down onto a power line on Gospel Island Rd.									
<b>Levy County Williston 20 SSW GNV</b>	<b>09</b>	<b>1623EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (0.75)</b>
Dime-size hail reported by Sheriff's Office in Williston									
<b>Hillsborough County Tampa</b>	<b>09</b>	<b>1730EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (0.88)</b>
Nickel-size-hail fell at Florida and Buffalo Aves. in Tampa.									
<b>Putnam County S Portion</b>	<b>09</b>	<b>1945EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Thunderstorm Wind</b>
Winds blew down power lines and trees over southern Putnam County.									
<b>Monroe County 30 ENE</b>	<b>10</b>	<b>0730EST</b>	<b>Short</b>	<b>?</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Waterspout- Tornado</b>
A waterspout was reported by the Sheriff's Office to have come ashore near mile marker 85 at the Harbor Lights Motel in Islamorada. The tornado threw outdoor fixtures around and caused minor roof damage.									
<b>Broward County Coconut Creek 10 N FLL</b>	<b>10</b>	<b>1238EST</b>			<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>Lightning</b>
A telephone repairman was hospitalized when lightning struck his truck as he loaded equipment into it.									
<b>Nassau County</b>	<b>10</b>	<b>1600EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (1.75)</b>
Sheriff's Office reported golf-ball-size hail in several areas of Nassau County.									
<b>Clay County</b>	<b>10</b>	<b>1740EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Thunderstorm Wind</b>
Trees and power lines blown down in Clay County.									
<b>Alachua County 11 ESE GNV Hawthorne</b>	<b>10</b>	<b>1820EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Thunderstorm Wind</b>
Minor roof damage was reported in the Hawthorne area.									

## Storm Data and Unusual Weather Phenomena

September 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<b>FLORIDA Cont'd</b>									
<b>Monroe County</b> <b>2 ENE EYW</b>	<b>10</b>	<b>1835EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Waterspout</b>
A waterspout was observed near Stock Island.									
<b>Dade County</b> <b>Coral Gables</b> <b>5 S MIA</b>	<b>10</b>	<b>2318EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Thunderstorm Wind (G50)</b>
Wind gusts of 58 mph observed during a thunderstorm at the NHC.									
<b>Broward County</b> <b>Ft Lauderdale</b> <b>10 E FLL</b>	<b>11</b>	<b>0706EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Waterspout</b>
Tower personnel at Ft Lauderdale/Hollywood International Airport reported a waterspout offshore Ft Lauderdale Beach.									
<b>Dade County</b> <b>Key Biscayne</b> <b>8 SSE MIA</b>	<b>11</b>	<b>0840EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Waterspout</b>
A waterspout was sighted in Biscayne Bay just southeast of Key Biscayne.									
<b>Orange County</b> <b>Pine Hills</b>	<b>11</b>	<b>1550EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (0.75)</b>
<b>Lake Buena Vista</b>	<b>11</b>	<b>1630EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (0.75)</b>
<b>Winter Garden</b>									<b>Thunderstorm Wind</b>
<b>Windermere</b>									
Severe thunderstorms produce dime-size-hail and blew down numerous trees in southwest Orange County.									
<b>Seminole County</b> <b>Lake Mary</b> <b>29 SSW DAB</b>	<b>11</b>	<b>1700EST</b>			<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>Lightning</b>
Two people were hospitalized after being struck by lightning while sitting on a motorcycle.									
<b>Pinellas County</b> <b>5 W TPA</b>	<b>11</b>	<b>1720EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Waterspout</b>
A waterspout was reported over Old Tampa Bay.									
<b>Marion County</b> <b>Ocala</b> <b>30 SSE GNV</b>	<b>14</b>	<b>1400EST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Thunderstorm Wind</b>
Thunderstorm winds blew a large tree limb down damaging the roof and ceiling of an office building in Ocala.									
<b>Okaloosa County</b> <b>Destin</b> <b>25 SSW CEW</b>	<b>14</b>	<b>Unknown</b>			<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>Rip Current</b>
A 49-year-old male tourist nearly drowned in a rip current behind the Jetty East condominium in Destin.									
<b>Peninsular</b> <b>Florida</b> <b>FLZ016&gt;072-</b>	<b>15-30</b>				<b>0</b>	<b>0</b>	<b>5</b>	<b>?</b>	<b>Flooding</b>
Two synoptic-scale systems, one tropical and one non-tropical brought heavy rain to most of peninsular Florida the last half of September. Rivers and streams, particularly in the west central counties of Citrus, Polk, Hillsborough, Sarasota, Hardee, Desoto and Manatee Counties, overflowed, flooding roadways and inundating or isolating residential areas. Other sections of Florida, particularly northeast and east central, experienced urban flooding which closed roads and flooded schools and homes in Duval County and flooded subdivisions in Flagler, Volusia, St. Johns and Brevard counties as well as in Wakulla County in northwest Florida. In southern interior Florida, flooding of swampy areas around Lake Okeechobee damaged some roadways in Hendry County and isolated houses in Glades and western Palm Beach Counties.									

**FLORIDA Cont'd**

## Storm Data and Unusual Weather Phenomena

September 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<b>Flagler County</b> <b>2 N Palm Coast</b> <b>27 NNW DAB</b>	<b>17</b>	<b>1918EST</b>	<b>Short</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Tornado (F0)</b>
A brief tornado touchdown felled trees and bent others along I-95, 2 miles north of the Palm Coast exit.									
<b>Monroe County</b> <b>Marathon</b>	<b>18</b>	<b>0845EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Waterspout</b>
A pilot reported a waterspout north of Marathon.									
<b>Volusia County</b> <b>New Smyrna Beach</b> <b>11 SSE DAB</b>	<b>18</b>	<b>1435EST</b>			<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>Lightning</b>
A 22-year-old woman was killed and a 41-year-old woman was injured while standing next to a car on the beach. A fast moving thunderstorm, which had produced rain for only a few minutes, produced the flash which struck the victims directly. F22O.									
<b>Dade County</b> <b>W Kendall</b> <b>15 SW MIA</b>	<b>19</b>	<b>1100EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Funnel Cloud</b>
The public reported a funnel cloud 3 miles west of Tamiami Airport.									
<b>Glades County</b> <b>4 W Moore Haven</b> <b>40 ENE FMY</b>	<b>19</b>	<b>1655EST</b>	<b>Short</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Tornado (F0)</b>
Glades County Sheriff's Office reported a tornado on the ground 4 miles west of Moore Haven. No casualties or damage was reported.									
<b>Indian River County</b> <b>Vero Beach</b>	<b>19</b>	<b>1435EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (1.75)</b>
A severe thunderstorm dropped golf-ball-size hail on Vero Beach.									
<b>Polk County</b> <b>Auburndale</b> <b>39 E TPA</b>	<b>19</b>	<b>1700EST</b>	<b>Short</b>		<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Tornado (F0)</b>
A tornado blew out 75 panes of glass in a vacant building and uprooted a large oak tree.									
<b>Monroe County</b> <b>4 N EYW</b>	<b>20</b>	<b>0855EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Waterspout</b>
A waterspout was observed 4 miles north of Key West International Airport.									
<b>Monroe County</b> <b>2 E EYW</b>	<b>20</b>	<b>1045EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Waterspout</b>
A waterspout was observed 2 miles east of Key West International Airport.									
<b>Duval County</b> <b>10 S JAX</b>	<b>20</b>	<b>1330EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Waterspout</b>
A waterspout was sighted south of Buckman Bridge.									
<b>Palm Beach County</b> <b>Pahokee</b> <b>31 WNW PBI</b>	<b>20</b>	<b>1450EST</b>			<b>0</b>	<b>12</b>	<b>0</b>	<b>0</b>	<b>Lightning</b>
Eleven players and an assistant coach of the Pahokee Middle/Senior High School football team were hospitalized after lightning struck as they left a practice field.									
<b>Monroe County</b> <b>3 E EYW</b>	<b>21</b>	<b>1220EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Waterspout</b>
A waterspout was observed 3 miles east of Key West International Airport.									

**FLORIDA Cont'd**

## Storm Data and Unusual Weather Phenomena

September 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<b>Monroe County</b> <b>Bahia Honda Key</b> <b>14 WSW MTH</b>	<b>22</b>	<b>1800EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Waterspout</b>
A waterspout was reported by Monroe County Emergency Management near Bahia Honda Key.									
<b>Dade County</b> <b>50 E MIA</b>	<b>23</b>	<b>0800EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Waterspout</b>
A pilot reported a waterspout just west of the northern Bimini Islands.									
<b>Brevard County</b> <b>Palm Bay</b> <b>4 SSE MLB</b>	<b>24</b>	<b>1504EST</b>			<b>0</b>	<b>7</b>	<b>4</b>	<b>0</b>	<b>Lightning</b>
A large vendor's tent was struck by lightning injuring 7 of the 150 persons inside, including two children. The injured were treated and released at a hospital. A few minutes later a wind gust of 40 mph blew the tent down causing minor injuries to a number of people and damaged most of the merchandise in the tent.									
<b>Monroe County</b> <b>Rodriguez Key</b> <b>30 ENE EYW</b>	<b>24</b>	<b>1555EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Waterspout</b>
A waterspout was reported by the public near Rodriguez Key.									
<b>Pinellas County</b> <b>18 WSW TPA</b> <b>Indian Rocks</b> <b>Beach</b>	<b>24</b>	<b>1745EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Waterspout</b>
A waterspout was reported offshore Indian Rocks Beach. The waterspout moved east but dissipated before reaching shore.									
<b>Hendry County</b> <b>47 ENE FMY</b>	<b>25</b>	<b>1800EST</b>			<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>Thunderstorm Wind</b>
A car was blown off the road near the intersection of SR 80 and 27 injuring the driver slightly.									
<b>St. Johns County</b> <b>S Ponte Vedra</b> <b>Beach</b>	<b>25</b>	<b>1653EST</b>	<b>.25</b>	<b>25</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Tornado (F0)</b> <b>Funnel Cloud</b>
Several funnel clouds were sighted. One funnel cloud touched down over a lake.									
<b>Sarasota County</b> <b>Lido Key</b> <b>40 SSW TPA</b>	<b>26</b>	<b>0700EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Waterspout</b>
A waterspout was photographed just offshore Lido Key.									
<b>Monroe County</b> <b>5 SW EYW</b>	<b>26</b>	<b>1058EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Waterspout</b>
A waterspout was observed 5 miles southwest of Key West International Airport.									
<b>Monroe County</b> <b>Long Key</b> <b>15 SE EYW</b>	<b>27</b>	<b>0853EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Waterspout</b>
A waterspout was reported by Sheriff's Office 10 miles south of Long Key Bridge.									
<b>Broward County</b> <b>Ft. Lauderdale</b> <b>7 N FLL</b>	<b>27</b>	<b>1122EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Funnel Cloud</b>
Tower personnel at Ft. Lauderdale Executive Airport reported a funnel cloud overhead.									
<b>Dade County</b> <b>7 NE MIA</b>	<b>27</b>	<b>1130EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Funnel Cloud</b>
Tower personnel at Opa Locka Airport sighted a funnel cloud to their east.									

**FLORIDA Cont'd**

**Monroe County**

## Storm Data and Unusual Weather Phenomena

September 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<b>Key West</b>	<b>30</b>	<b>0000EST- 2400EST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Urban Flooding</b>
Nearly 9 inches of rain in 48 hours caused flooded streets, sidewalks, and businesses in Key West.									
<b>GEORGIA</b>									
<b>Chatham County</b>	<b>02 03</b>	<b>1930EST- 1100EST</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>Flash Flood</b>
Heavy rain of 3 to 4.25 inches caused street flooding in a poorly drained and low-lying area along Baker Street in Savannah. Evacuation of the area began around 9:00 PM as flood waters produced chest high water in some location. Flood waters receded by midday on the third.									
<b>Lee County 12 NE Worth</b>	<b>09</b>	<b>1400EST- 1415EST</b>			<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>Thunderstorm Wind</b>
An 3-foot diameter oak tree was blown down, numerous power line poles snapped off.									
<b>Lee County</b>	<b>09</b>	<b>1400EST- 1600EST</b>			<b>0</b>	<b>0</b>	<b>2</b>	<b>3</b>	<b>Flood</b>
Three secondary roads were flooded in eastern Lee County near Georgia Highway 91.									
<b>Terrell County 2 E Dawson</b>	<b>09</b>	<b>1415EST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Lightning</b>
Sumter Electric reported lightning had knocked down power lines when a power line pole was struck on Georgia Highway 32.									
<b>Camden County St. Mary</b>	<b>09</b>	<b>1430EST</b>			<b>0</b>	<b>0</b>	<b>2</b>	<b>3</b>	<b>Hail(1.75)</b>
A Jacksonville television spotter reported golfball sized hail in St. Mary.									
<b>Cook County 1 N Lenox</b>	<b>09</b>	<b>1545EST</b>			<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>Thunderstorm Wind</b>
One tree was blown down across power lines, which caused them to snap. Numerous power outages were reported near U.S. Highway 41.									
<b>Decatur County Bainbridge</b>	<b>09</b>	<b>1900EST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Lightning</b>
Lightning struck Belk's department store roof in the Bainbridge mall. The lightning strike ignited roofing material.									
<b>Carroll County</b>	<b>17 18</b>	<b>2100EST- 0600EST</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>4</b>	<b>Flash Flood</b>
Tyson and New Hope Church Roads in Carrollton were washed away after 5 inches of rain fell on the seventeenth. Numerous other roads were also damaged. Several families in Northern Carroll County and at least one family on Apache Road in Carrollton had to be evacuated due to the threat of flooding.									
<b>Chatham County Savannah</b>	<b>20</b>	<b>1700EST 1730EST</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>Lightning</b>
Lightning knocked out a Savannah Electric and Power Company substation which resulted in numerous power outages.									
<b>Crisp County Arabi</b>	<b>25</b>	<b>1915EST 1920EST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>2</b>	<b>Thunderstorm Wind</b>
Numerous trees and tree limbs were reported down in Arabi. All power was knocked out in Arabi for approximately three hours, from 9:15 PM to 12:10 AM. Structural damage was reported to									
<b>GEORGIA Cont'd</b>									
businesses 5-10 miles east of Cordele.									

## Storm Data and Unusual Weather Phenomena

September 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<b>IDAHO</b>									
<b>Bonneville County</b>	<b>02</b>	<b>1530MST</b>			<b>0</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>Wildfire</b>
									Lightning strikes start a number of fires in the Targhee National Forest around Palisades Reservoir.
<b>Fremont County</b>	<b>03</b>	<b>1300MST</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>Wildfire</b>
									Lightning starts threes in the Targhee National Forest.
<b>Kootenai County</b>	<b>09</b>	<b>1800MST</b>	<b>0.5</b>	<b>500</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>Tornado (F0)</b>
	<b>09</b>	<b>1800MST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (0.75)</b>
									A funnel cloud touched down south of Stateline village. A number of other funnels had been spotted in eastern Washington.
<b>Power County</b>	<b>29</b>	<b>1615MST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (1.00)</b>
<b>Jefferson County</b>	<b>30</b>	<b>1400MST</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>Thunderstorm Winds</b>
<b>ILLINOIS</b>									
									Data not received.
<b>INDIANA</b>									
<b>Marshall County</b>	<b>26</b>	<b>1605EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (1.75)</b>
<b>Culver</b>									
<b>St. Joseph County</b>	<b>26</b>	<b>1720EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (1.00)</b>
<b>South Bend</b>									Hail fell at Locust and Ireland.
<b>St. Joseph County</b>	<b>26</b>	<b>1730EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (0.75)</b>
<b>South Bend</b>									Hail fell at Miami and Jackson Roads.
<b>IOWA</b>									
<b>Dallas County</b>	<b>04</b>	<b>0500CST</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>Lightning</b>
<b>Woodward</b>									Thunderstorms moved across Iowa during the early morning hours. Although no severe weather was reported with them, lightning did strike a house in Dallas County at Woodward. The lightning blew out all of the electrical appliances and started a fire in the home. Considerable damage occurred due to the smoke.
<b>Hamilton County</b>	<b>20</b>	<b>1700CST</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>3</b>	<b>Thunderstorm Winds (G65)</b>
<b>Jewell</b>									
<b>Sioux County</b>	<b>20</b>	<b>1855CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>3</b>	<b>Hail (0.75)</b>
<b>3 NE Hull</b>									A cold front approached northwest Iowa in a limited moisture environment. At the same time, an upper level system traversed the state from west to east. Thunderstorms erupted over the northwest part of the state during the late afternoon and evening hours. One storm dropped dime-size hail over Sioux County northeast of Hull. The hail covered the ground for a brief time. Another storm moved through the north-central counties of the state. High winds destroyed farm buildings and shed s around the Jewell area. Two by fours were driven through the walls of the barn.
<b>Emmet County</b>	<b>21</b>	<b>1410CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>3</b>	<b>Hail (0.75)</b>
<b>Estherville</b>									
<b>Pottawattamie County</b>	<b>21</b>	<b>1415CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>3</b>	<b>Hail (0.75)</b>
<b>1 NE Neola</b>									
<b>Story County</b>	<b>21</b>	<b>1420CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>3</b>	<b>Hail (0.75)</b>
<b>20 E Ames</b>									
<b>IOWA Cont'd</b>									
<b>Emmet County</b>	<b>21</b>	<b>1422CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>3</b>	<b>Hail (0.75)</b>
<b>Estherville</b>									
<b>Estherville</b>	<b>21</b>	<b>1435CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>3</b>	<b>Hail (0.75)</b>

## Storm Data and Unusual Weather Phenomena

September 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<b>Story County</b>									
<b>Milford Twp</b>	<b>21</b>	<b>1440CST</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>4</b>	<b>Hail (1.00)</b>
<b>Clay County</b>									
<b>7 N Spencer</b>	<b>21</b>	<b>1450CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>3</b>	<b>Hail (0.75)</b>
<b>Pocahontas County</b>									
<b>Pocahontas</b>	<b>21</b>	<b>1458CST</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>4</b>	<b>Hail (1.75)</b>
<b>Kossuth County</b>									
<b>5 N Bancroft</b>	<b>21</b>	<b>1510CST</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>4</b>	<b>Hail (1.00)</b>
<b>Hamilton County</b>									
<b>Webster City</b>	<b>21</b>	<b>1655CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>3</b>	<b>Hail (1.00)</b>
<b>Story County</b>									
<b>Story City</b>	<b>21</b>	<b>1715CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>4</b>	<b>Hail (1.00)</b>
<b>Roland</b>	<b>21</b>	<b>1725CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>4</b>	<b>Hail (1.00)</b>

A strong cold front moved southeast into Iowa in conjunction with strong upper level system. The low level flow had been southerly for several days, transporting moisture north into the central United States. Dew point temperatures had risen into the lower 60s in advance of the cold front. These dew point temperatures combined with ambient air temperatures in the middle 80s helped create enough instability to fire up strong thunderstorms. The storms fired in two areas. The initial storms formed in northwest Iowa and tracked across the north-central into the central counties. A second area of storms developed during the later afternoon hours over the west-central counties. These also tracked east. Most of the storms produced winds of 35 to 50 mph and at least pea- to marble-size hail. The main severe weather associated with the storms was hail. As the initial storms moved through story county, quarter-size hail covered the ground and destroyed several fields of soybeans in Milford Township. Other reports of hail from three-quarters to one inch in diameter were received from northwest into central Iowa. During the late afternoon hours a collision of two outflow boundaries occurred over Boone and Story Counties. These were visible on WSR-88D data. The first boundary sagged south-southwest from the convection over north-central Iowa. The second arched north-northeast to south-southwest from the convection in west-central Iowa. Thunderstorms fired up quickly around 1700 CST over Boone and Story Counties. Quarter-size hail fell in Story County at both Story City and Roland. The main hail fell from the southeast edge of Story City eastward. Reports over the north sections of Story City indicated hail about the size of knitting needle ends. One of the boundaries were set off by thunderstorms to the north. Those storms dropped hail the size of quarters at Webster City in Hamilton County. The storms produced very heavy rainfall in parts of northwest and central Iowa. A few area received over three inches of rain, however no significant flooding occurred due to the dry antecedent conditions. The greatest rainfall reported was in Milford Township of Story County, where three and one-half inches of rain fell in five hours time.

### KANSAS

Please refer to the second section of **Storm Data and Unusual Weather Phenomena** for additional information.

<b>Stevens County</b>									
<b>Moscow</b>	<b>02</b>	<b>1655CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (0.75)</b>
<b>Moscow</b>	<b>02</b>	<b>1702CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (0.75)</b>
<b>Sherman County</b>									
<b>8 NW Goodland</b>	<b>03</b>	<b>1800CST</b>			<b>0</b>	<b>0</b>	<b>.1K</b>	<b>0</b>	<b>Thunderstorm Winds (G70)</b>

Estimated 80-mph winds broke off 10-inch-diameter tree limbs.

<b>Stafford County</b>									
<b>1 S Macksville</b>	<b>05</b>	<b>1653CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (1.25)</b>
<b>10 SW Macksville</b>	<b>05</b>	<b>1709CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (1.00)</b>
<b>Cheyenne County</b>									
<b>8 NE ST. Francis</b>	<b>06</b>	<b>2315CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Flash Flood</b>

Water was running over Schneider Bridge.

### KANSAS Cont'd

<b>Decatur County</b>									
<b>Oberlin</b>	<b>07</b>	<b>0115CST</b>			<b>0</b>	<b>0</b>	<b>3.5</b>	<b>0</b>	<b>Lightning</b>

Lightning struck house occupied by sleeping elderly couple aged 90 and 91 years. The bolt started the house on fire and damaged electrical equipment. Total damage costs estimated around \$3,500.

## Storm Data and Unusual Weather Phenomena

September 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<b>Kearny County</b>									
10 N Lakin	07	1705CST			0	0	0	0	Hail (1.75)
<b>Rush County</b>									
Alexander	07	1708CST			0	0	0	0	Hail (1.75)
<b>Ness County</b>									
1 N Ransom	07	1710CST			0	0	0	0	Hail (2.00)
<b>Kearny County</b>									
3 NNE Deerfield	07	1713CST	0.1	10	0	0	0	0	Tornado (F0)
Brief touchdown of a small tornado over open farmland.									
<b>Ness County</b>									
Ransom	07	1718CST			0	0	0	0	Hail (1.75)
<b>Rush County</b>									
8 S McCracken	07	1734CST			0	0	0	0	Hail (0.75)
<b>Scott County</b>									
15 NE Scott City	07	1752CST			0	0	0	2K	Hail (1.75)
<b>Kearny County</b>									
12 NW Lakin	07	1754CST			0	0	0	0	Hail (1.75)
<b>Ellis County</b>									
Schoenchen	07	1758CST			0	0	0	0	Hail (1.75)
<b>Ness County</b>									
Arnold	07	1803CST			0	0	0	0	Hail (1.75)
<b>Kearny County</b>									
2 S Lakin	07	1818CST			0	0	0	0	Hail (0.75)
<b>Rush County</b>									
1 S Liebenthal	07	1822CST			0	0	0	0	Hail (1.00)
<b>Ellis County</b>									
Schoenchen	07	1823CST			0	0	50K	0	Hail (1.75)
<b>Hodgeman County</b>									
4 E Jetmore	07	1838CST			0	0	0	0	Hail (1.00)
<b>Grant County</b>									
8 NE Ulysses	07	1845CST			0	0	0	0	Thunderstorm Winds (G61)
<b>Kearny County</b>									
23 SW Lakin	07	1850CST			0	0	0	0	Hail (1.00)
<b>Grant County</b>									
5 S Ulysses	07	1858CST	0.1	30	0	0	0	0	Tornado (F0)
The Grant County Sheriff's Office reported a brief touchdown of a tornado over open farmland at 1858 CST.									
<b>5 S Ulysses</b>	07	1905CST			0	0	0	0	Thunderstorm Winds (G61)
<b>Stevens County</b>									
13 N Hugoton	07	1930CST			0	0	0	0	Hail (1.00)
<b>Haskell County</b>									
Sublette	07	1930CST			0	0	0	0	Thunderstorm Winds (G61)
<b>Stevens County</b>									
Moscow	07	1934CST			0	0	0	0	Hail (1.75)
5 S Moscow	07	1935CST	0.1	20	0	0	0	0	Tornado (F0)
The public reported a brief touchdown of a tornado five miles south of Moscow at 1935 CST.									
<b>Meade County</b>									
Meade	07	1955CST			0	0	0	0	Thunderstorm Winds (G64)
Plains	07	1958CST			0	0	25K	0	Thunderstorm Winds
The public reported numerous power poles blown down.									

### KANSAS Cont'd

<b>Meade County</b>									
Meade St. Lake	07	2030CST			0	0	10K	0	Thunderstorm Winds
High winds knocked down numerous tree limbs with some roof damage.									

**Meade County**

## Storm Data and Unusual Weather Phenomena

September 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<b>17 SE Meade</b>	<b>07</b>	<b>2032CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Thunderstorm Winds (G52)</b>
<b>Clark County</b>									
<b>Ashland</b>	<b>07</b>	<b>2100CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Thunderstorm Winds (G52)</b>
<b>Comanche County</b>									
<b>Coldwater</b>	<b>07</b>	<b>2110CST</b>			<b>0</b>	<b>0</b>	<b>30K</b>	<b>0</b>	<b>Thunderstorm Winds (G87)</b>
Thunderstorm winds gusting 80 to 100 mph were reported by the Comanche County Law Enforcement at 2110 CST.									
<b>Ford County</b>									
<b>5 N Dodge City</b>	<b>21</b>	<b>1405CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (1.00)</b>
<b>8 NE Dodge City</b>	<b>21</b>	<b>1408CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (1.00)</b>
<b>2 S Spearville</b>	<b>21</b>	<b>1416CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (1.00)</b>
<b>Meade County</b>									
<b>7 S Meade</b>	<b>21</b>	<b>1530CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (1.00)</b>
<b>Kiowa County</b>									
<b>Haviland</b>	<b>21</b>	<b>1532CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (1.00)</b>
<b>Pratt County</b>									
<b>9 SW Pratt</b>	<b>21</b>	<b>1545CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (1.00)</b>
<b>8 SW Pratt</b>	<b>21</b>	<b>1545CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (1.75)</b>
<b>7 S Pratt</b>	<b>21</b>	<b>1600CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (1.00)</b>
<b>9 S Pratt</b>	<b>21</b>	<b>1600CST</b>			<b>0</b>	<b>0</b>	<b>20K</b>	<b>0</b>	<b>Hail (1.75)</b>
Hail the size of golf balls broke windows nine miles south of Pratt at 1600 CST.									
<b>1 W Sawyer</b>	<b>21</b>	<b>1601CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (1.00)</b>
<b>Clark County</b>									
<b>6 NW Englewood</b>	<b>21</b>	<b>1604CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (1.00)</b>
<b>7 SW Ashland</b>	<b>21</b>	<b>1615CST</b>			<b>0</b>	<b>0</b>	<b>20K</b>	<b>0</b>	<b>Hail (1.00)</b>

A severe thunderstorm with one-inch diameter hail and winds greater than 52 knots (60 mph) knocked down large tree branches and produced some roof damage seven miles southwest of Ashland at 1615 CST.

<b>Barber County</b>									
<b>1 NW Sun City</b>	<b>21</b>	<b>1615CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Thunderstorm Winds (G52)</b>
<b>Isabel</b>	<b>21</b>	<b>1625CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (1.00)</b>
<b>5 S Medicine Lodge</b>	<b>21</b>	<b>1647CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (0.75)</b>

### KENTUCKY

<b>Clay County</b>									
<b>Oneida</b>	<b>25</b>	<b>1300EST-1330EST</b>			<b>?</b>	<b>?</b>	<b>?</b>	<b>?</b>	<b>Hail (2.00)</b>
<b>Braethitt County</b>									
<b>Jackson</b>	<b>25</b>	<b>1300EST-1305EST</b>			<b>?</b>	<b>?</b>	<b>?</b>	<b>?</b>	<b>Hail (1.00)</b>
<b>Magoffin County</b>									
<b>Salysersville</b>	<b>25</b>	<b>1400EST</b>			<b>?</b>	<b>?</b>	<b>?</b>	<b>?</b>	<b>Thunderstorm Winds</b>

Reports of trees down and shingles blown off of roofs.

### LOUISIANA

<b>Calcasieu Parish</b>									
<b>Sulphur</b>	<b>09</b>	<b>1503CST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>Thunderstorm Winds</b>
<b>Lafayette Parish</b>									
<b>Lafayette (LFT)</b>	<b>09</b>	<b>1401CST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>Thunderstorm Winds (G54)</b>
<b>Point Coupee</b>									
<b>Livonia</b>	<b>09</b>	<b>1712CST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>Hail (1.75)</b>

### LOUISIANA Cont'd

<b>West Feliciana Parish</b>									
<b>St. Francisville</b>	<b>09</b>	<b>1715CST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>Hail (1.75)</b>

A few thunderstorms reached severe criteria across south Louisiana during the afternoon. Power lines and tree branches were knocked near Sulphur by thunderstorm wind gusts. In Lafayette, winds

## Storm Data and Unusual Weather Phenomena

September 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed   Injured	Estimated Damage Property   Crops	Character of Storm
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gusted to 62 mph, and 15,000 customers were without power when lines were downed by wind gusts and fallen tree branches.

### Tangipahoa Parish 4 E Pontchatoula Hammond

16	0340CST				0	0	?	?	<b>Thunderstorm Winds</b>
16	0100CST- 0800CST				0	0	?	?	<b>Urban Flood</b>

A cluster of strong thunderstorms over the south portion of Tangipahoa Parish produced rainfall of four to six inches during the early morning hours resulting in flooding of streets and a few homes in the Hammond area. In addition, thunderstorm wind gusts downed several trees, and destroyed a utility building east of Pontchatoula.

### Southeast and South-Central LAZ040-054-062> 070

14	1800CST-								
16	1200CST				0	0	?	?	<b>Coastal Flooding</b>

A low pressure system which moved from the north Gulf of Mexico onshore south-central Louisiana produced flooding along the immediate coastal areas. Tides average two to three feet above normal. Flooding was generally confined to inundation of low lying roads along the coast and nearby bayous.

### MAINE

#### MEZ008-010- 013>030

05	1100EST- 1900EST				0	0	6	0	<b>High Winds (G52)</b>
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A rapidly deepening low pressure system moved north through the Gulf of Maine into the Bay of Fundy, bringing the season's first nor'easter to Maine. Wind gusts exceeded 60 mph along sections of the Midcoast and Downeast Coast, with reported gusts of 40 to 50 mph elsewhere in southern and central Maine. Along the coast, substantial damage occurred to fishing weirs and to boats torn loose from their moorings. Inland, many trees were blown down, some falling across power lines which resulted in lost power to 10,000 residents.

#### York County

09	1545EST				0	0	4	0	<b>Lightning</b>
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Lightning ignited a fire in a Sanford home, doing \$5,000 damage. Fortunately, the eight residents escaped unharmed.

#### MEZ027-028

23	0600EST-								
24	2300EST				0	0	?	0	<b>Heavy Rain</b>

Strong and persistent flow between slow moving low pressure south of New England and stationary high pressure over the Gulf of St. Lawrence pumped copious amounts of Gulf Stream moisture into Maine. Much of the coastal plain received abundant rains as a result. The Midcoast was particularly hard hit. Nearly 12 inches fell in the Camden and Rockland areas over a three day period ending on the 25th (most of the rain fell on the 23rd and 24th). At Lake Megunticook, 9.90 inches was recorded in a 24-hour period. Minor flooding occurred in Rockland when Lindsey Brook overflowed, submerging and washing out several roads. Many basements and cellars were flooded as a result of clogged storm drains. Dry antecedent conditions coupled with the highly localized nature of the extreme rainfall amounts prevented this from becoming a major flood event.

### MARYLAND

#### Dorchester County Ocean City

22	1100EST- 1500EST				0	0	6	0	<b>High Winds/Coastal Flood</b>
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#### Wicomico County Salisbury

22	1200EST- 1600EST				0	0	3	0	<b>High Winds</b>
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#### Somerset County

22	1200EST- 1600EST				0	0	3	0	<b>High Winds</b>
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### MARYLAND Cont'd

#### Dorchester County Cambridge

22	1300EST- 1700EST				0	0	4	0	<b>High Winds</b>
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#### St. Marys County Sandgates

22	1300EST- 1700EST				0	0	4	0	<b>High Winds</b>
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## Storm Data and Unusual Weather Phenomena

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Calvert County Coastline	22	1400EST- 1900EST			0	0	4	0	High Winds
Anne Arundel County South portion	22	1500EST- 2100EST			0	0	5	0	High Winds
Prince Georges County	22	1500EST- 2000EST			0	0	3	0	High Winds

A compact storm moved up the Chesapeake Bay during the late afternoon and evening of the 22nd, producing damage from near hurricane-force winds. The heaviest damage was incurred in Ocean City, where sustained winds of 50 mph with gusts as high as 79 mph destroyed hundreds of tent vending booths, as well as the items contained within them. The makeshift shelters were part of the end-of-summer Sunfest celebration, which was cancelled. Fires, aided by the wind, engulfed several shops along the boardwalk between 8th and 9th streets. Waves ranging up to 9 feet flooded prone areas, including the Ocean City inlet parking lot. Property damage not associated with Sunfest or the 9th street fires was estimated at just under \$200,000. Total damage was likely between \$3 and \$5 million.

Over the remainder of Maryland's lower eastern shore and the western shores of the Chesapeake, periods of sustained winds of 40 to 45 mph with gusts as high as 70 mph continued into the early evening. On the Bay, waves of 6 to 8 feet sunk two vessels. A charter fishing boat with a two-man crew (no passengers) sunk east of Chesapeake Beach (Calvert County) at 1200 EST. Six hours later, a 42-ft tugboat sunk near the mouth of the Patapsco River near Pasadena (Anne Arundel County). The high winds knocked down numerous trees and powerlines in southern Anne Arundel County, and in portions of Calvert and St Mary's County. Power lines were knocked down near Oxon Hill in Prince Georges County. Numerous trees were also down in Dorchester, Somerset, and Wicomico County. In Cambridge (Dorchester County), the facade to the Masonic lodge was partially ripped away. During the Storm's peak, 70,000 customers were without power in Anne Arundel County alone.

Prince Georges County	26	1529EST			0	0	0	0	Funnel Cloud
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Funnel cloud was spotted near Davis Ford Road and Route 123.

Calvert County	26	1625EST 1634EST			0 0	0 0	0 0	1 0	Hail (.75) Funnel Cloud
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Dime size hail fell near the intersections of Route 2 and Route 4. A rotating wall cloud and pendant funnel was reported west of Prince Frederick.

St. Marys	26	1723EST			0	0	0	0	Funnel Cloud
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Small funnel cloud was sighted near Hollywood. It briefly lowered to near the ground then dissipated. No damage was found.

### DISTRICT OF COLUMBIA

None reported.

### MASSACHUSETTS

MAZ022>024  
Cape Cod &  
the Islands

05	1200EST- 1500EST				0	0	?	0	High Winds
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A strong low pressure system moving slowly toward the north-northeast over the open Atlantic south and east of Cape Cod brought an unusual out-of-season Labor Day nor'easter. Rain and gale force

### MASSACHUSETTS Cont'd

winds from the northeast and north (with a few gusts to storm force) accompanied this storm. Peak wind gusts were recorded up to 62 mph at Yarmouthport, 52 mph at Hyannis, 51 mph at Provincetown, and 44 mph at Chatham. Scattered power outages occurred on the Cape and Islands with about 12,000 electric customers without power at one time or another.

## Storm Data and Unusual Weather Phenomena

September 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Character of Storm
					Killed	Injured	Property - Crops	
<p>A Gloucester-based fishing vessel capsized about 100 miles east of Provincetown and four men were lost at sea.</p> <p>Winds gusting to more than 40 mph also were recorded north of Cape Cod along the Massachusetts east coast to Cape Ann. A man-made sand dune, which had been built at Humarock Beach in Scituate, was severely eroded, leaving that coastal strip vulnerable to future coastal storms.</p>								
<b>Berkshire County Hinsdale</b>	<b>09</b>	<b>1410EST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>0 Hail (1.00)</b>
Quarter-size hail was reported.								
<b>Worcester County Northboro</b>	<b>09</b>	<b>1625EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0 Hail (0.75)</b>
<b>Middlesex County Marlboro</b>	<b>09</b>	<b>1640EST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>0 Hail (1.75)</b>
A severe thunderstorm produced large hail up to golf ball-size in diameter in Marlboro, while one-half to three-quarter inch diameter hail fell in Sudbury. Strong winds blew down a tree in Framingham.								
<b>Norfolk County Wellesley</b>	<b>09</b>	<b>1650EST</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>0 Lightning</b>
A bolt of lightning struck the Wellesley police station and resulted in about \$100,000 damage to radio and computer equipment. The plastic covering on wiring caught fire and resulted in acrid fumes throughout the building.								
<b>MAZ001, Berkshire County</b>	<b>23</b>	<b>0430EST- 0545EST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>0 High Winds</b>
Strong to gale force winds gusting up to 50 mph blew down trees and caused scattered power outages in about ten towns including: Hancock, Tolland, West Stockbridge, Lenox, New Marlborough, Lanesboro, North Adams, and Florida. Areas affected most were at the higher elevations at 1,500 feet or more.								
<b>MAZ004&gt;007- 011&gt;016</b>	<b>23</b>	<b>0500EST- 1700EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0 Heavy Rain</b>
Very heavy rain fell from near the Connecticut border in the Connecticut River valley east-northeast across central to northeast Massachusetts. Rainfall totals of from three to seven inches were reported. The greatest total was reported from Amesbury in Essex County with 6.9 inches. Other amounts included: Boxford, 5.5 inches; Groveland, 5.48 inches; Billerica and Woburn, 5.0 inches; Reading, over five inches. State police reported major traffic tie-ups on a number of expressways and flooding occurred in the usual low-lying areas. Thunderstorms accompanied some of the heaviest rainfall.								

## Storm Data and Unusual Weather Phenomena

September 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Character of Storm
					Killed	Injured	Property	Crops
<b>MICHIGAN</b>								
<b>Oakland County Farmington Hills</b>	<b>08</b>	<b>1535EST- 1545EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
								<b>Hail (1.00)</b>
								Spotters reported quarter size hail at I-696 and Orchard Lake Road and nickel size hail at Grand River and Drake Roads.
<b>Ingham County Delhi Township</b>	<b>14</b>	<b>1730EST</b>			<b>0</b>	<b>0</b>	<b>9.0k</b>	<b>0</b>
								<b>Lightning</b>
								Lightning struck a house and ignited a fire that damaged the upstairs rooms and living room.
<b>Clinton County 1 S St. Johns</b>	<b>16</b>	<b>1630EST</b>			<b>0</b>	<b>0</b>	<b>2.0h</b>	<b>0</b>
								<b>Thunderstorm Wind G50</b>
								Wind damage reported at Parks Rd. and U.S. Highway 27. Trees downed and window of a home blown out.
<b>Lenawee County Deerfield</b>	<b>25</b>	<b>1415EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
								<b>Hail (2.00)</b>
<b>Washtenaw County Ann Arbor</b>	<b>25</b>	<b>1445EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
								<b>Hail (0.75)</b>
<b>Livingston County Gregory</b>	<b>25</b>	<b>1500EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
								<b>Hail (1.75)</b>
<b>Wayne County Romulus</b>	<b>25</b>	<b>1610EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
								<b>Hail (1.00)</b>
<b>Genesee County Grand Blanc</b>	<b>25</b>	<b>1615EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
								<b>Hail (0.75)</b>
<b>Oakland County 4 SE Holly</b>	<b>25</b>	<b>1615EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
								<b>Hail (0.75)</b>
<b>Kent County 20 N Grand Rapids</b>	<b>25</b>	<b>1655EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
								<b>Hail (1.00)</b>
<b>Montcalm County Greenville</b>	<b>25</b>	<b>1700EST</b>			<b>0</b>	<b>0</b>	<b>0.5M</b>	<b>0</b>
								<b>Lightning</b>
								Lightning struck the roof of a 60 year old church, starting a fire which totally destroyed the building. Lightning also struck a large tree, causing it to fall on a car.
<b>Kent County Kent City</b>	<b>25</b>	<b>1715EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>1.0M</b>
								<b>Hail (0.75)</b>
								<b>Thunderstorm Wind (G52)</b>
								Hail to 0.75 inch in diameter seriously damaged apple orchards in the vicinity of Peach Ridge Avenue near Kent City.
<b>Allegan County 4 E Wayland</b>	<b>25</b>	<b>1814EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
								<b>Hail (150)</b>
<b>Newaygo County Bridgeton</b>	<b>25</b>	<b>1815EST- 1830EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
								<b>Hail (0.75)</b>
								Hail accumulated to a three inch depth in the village of Bridgeton between 1815 and 1830.
<b>Allegan County 5 SE Allegan</b>	<b>25</b>	<b>1840EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
								<b>Hail (0.75)</b>
<b>Kent County 4 N Kent City</b>	<b>25</b>	<b>1845EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
								<b>Hail (1.00)</b>
<b>Hillsdale County Litchfield (23 SW JXN)</b>	<b>25</b>	<b>1902EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
								<b>Hail (0.75)</b>
<b>Calhoun County Albion (22 ESE BTL)</b>	<b>25</b>	<b>1915EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
								<b>Hail (1.00)</b>
								Hail covered ground to a depth of 0.25 inch.

## Storm Data and Unusual Weather Phenomena

September 1994

September 1994									
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured		Estimated Damage Property Crops		Character of Storm
MICHIGAN Cont'd									
Hillsdale County Somerset (14 SSE JXN)	25	1922EST			0	0	0	0	Hail (1.00)
Hail covered ground along U.S. 12 in Somerset.									
MINNESOTA									
Stearns Co. St Cloud	13	1100-CST			0	1	0	0	Lightning
Lightning struck and injured a 35 year old man as he opened the door of his truck. Witnesses said he was thrown 10 feet when the lightning bolt struck him.									
PINE CO. 1W Sandstone	14	1415-CST			0	0			Thunderstorm Winds (G60)
Several trees were uprooted by strong thunderstorm winds.									
MARTIN CO. Truman	21	1415-CST			0	0			Hail (1.75)
10NE Truman	21	1420-CST			0	0			Hail (0.75)
CARLTON CO. Cloquet	21	1420-CST 1425			0	0	5M		Hail (1.00)
Esko	21	1435-CST			0	0	1M		Hail (0.75)
PINE CO. Sandstone	21	1455-CST			0	0			Hail (0.75)
BLUE EARTH CO. 7S Mapleton	21	1504-CST			0	0		6M	Hail (0.50)
ANOKA CO. Blaine	21	1512-CST			0	0	0	0	Funnel Cloud
FARIBAULT CO. Winnebago	21	1527-CST			0	0			Hail (1.75)
MISSISSIPPI									
Choctaw County 2 S Ackerman	01	1405CST	1.0	10	0	0	0	0	Tornado (F0)
A small tornado was spotted by the local sheriffs office. They watched the tornado suck up lots of leaves and small limbs from trees and then lift back into the cloud.									
Lauderdale County 4 E Meridian	01	1455CST			0	0	2	0	Thunderstorm Winds
Several trees were blown down along Interstate 20, east of Meridian.									
Jones County Laurel	07	0730CST			0	0	0	0	Flash Flooding
More than three inches of rain fell over Laurel in about a two hour period. Numerous roads and streets were flooded in and around Laurel.									
Harrison County Gulfport	09	1702CST			0	0	0	0	Hail (0.75)
Hancock County Waveland to Lakeshore	09	1735CST			0	0	3	0	Thunderstorm Winds
Several trees and limbs were blown across power lines along Lower Bay road.									
Harrison County Wool Market	10	1500CST			0	0	0	0	Funnel Cloud

## Storm Data and Unusual Weather Phenomena

September 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

### MISSISSIPPI Cont'd

<b>Harrison County</b> <b>2 NE Wool Market</b>	<b>10</b>	<b>1515CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Thunderstorm Winds</b>
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Several trees were blown down and lawn furniture scattered along Old Hwy 67.

<b>Yazoo County</b> <b>Yazoo City</b>	<b>17</b>	<b>0025CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Flood/Flash Flood</b>
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Many streets were flooded, and several cars were stalled.

<b>Lowdnes County</b> <b>Columbus</b>	<b>17</b>	<b>1155CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Thunderstorm Winds</b>
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Strong thunderstorm winds damaged the roof of a local hardware store.

### MISSOURI

<b>Polk County</b> <b>2 N Bolivar</b>	<b>25</b>	<b>1620CST</b>	<b>0.5</b>	<b>30</b>	<b>0</b>	<b>0</b>	<b>3.00K</b>	<b>0</b>	<b>Tornado (F0)</b>
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Two large barn doors ripped off, trees twisted off and deposited in pond several hundred yards away. Shingles lifted several hundred feet into the air. Report by K. Hargis, CD Director. Length and width is estimated.

<b>Newton County</b> <b>Diamond</b>	<b>25</b>	<b>1755CST</b>	<b>0.5</b>	<b>20</b>	<b>0</b>	<b>0</b>	<b>2.00K</b>	<b>0</b>	<b>Tornado (F0)</b>
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Single touchdown at junction of J and B Highways. Damage to house and numerous trees uprooted. Length and width is an estimate. Report by Diamond Fire Department.

<b>2 E Diamond</b>	<b>25</b>	<b>1815CST</b>	<b>0.5</b>	<b>20</b>	<b>0</b>	<b>0</b>	<b>0.00</b>	<b>0</b>	<b>Tornado (F0)</b>
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Touchdown was in open field. Length and width estimated. Report by Diamond Fire Department.

### MONTANA

<b>Montana</b> <b>Entire State</b>	<b>01</b> <b>25</b>	<b>0000MST-</b> <b>1700MST</b>			<b>0</b>	<b>?</b>	<b>6</b>	<b>5</b>	<b>Forest Fires</b>
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Dry windy conditions continued through much of the month. Numerous wildfires, many that started during August, continued to burn. By the end of the month enough rain and cold weather had blanketed the state to put the fires out.

<b>Flathead County</b> <b>Kalispell</b>	<b>02</b>	<b>2145MST-</b> <b>2215MST</b>			<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>Thunderstorm Winds</b>
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<b>Park County</b> <b>Livingston</b>	<b>08</b>	<b>1314MST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Thunderstorm Winds (G60)</b>
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<b>Cascade County</b> <b>Great Falls</b>	<b>20</b>	<b>2000MST-</b> <b>2015MST</b>			<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>Thunderstorm Winds</b>
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### NEBRASKA

<b>Deuel County</b> <b>Chappell</b>	<b>03</b>	<b>1423MST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (1.75)</b>
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<b>Lincoln County</b> <b>Sutherland</b>	<b>03</b>	<b>1514MST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>Hail (1.75)</b>
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<b>Arthur County</b> <b>14SW Arthur</b>	<b>03</b>	<b>1620MST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>Hail (1.75)</b>
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Hail covered the ground and dented cars.

<b>Lincoln County</b> <b>Hershey</b>	<b>03</b>	<b>1630CST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>Hail (0.75)</b>
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## Storm Data and Unusual Weather Phenomena

September 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<b>MONTANA Cont'd</b>									
<b>Kearney County 4N Axtell</b>	<b>03</b>	<b>2237CST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>Hail (0.75)</b>
<b>Kearney County</b>	<b>03</b>	<b>2330CST-</b>							
	<b>04</b>	<b>0100CST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>Flash Flooding</b>
<b>Adams County</b>	<b>04</b>	<b>0000CST-</b>							
		<b>0200CST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>Flash Flooding</b>
<b>Clay County</b>	<b>04</b>	<b>0030CST-</b>							
		<b>0200CST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>Flash Flooding</b>
Thunderstorms dropped up to 3.5 inches of rain, which at times fell at the rate of one inch in 15 minutes. The result was extensive street and small stream flooding in Kearney, Adams, and Clay Counties. Hardest hit was the city of Hastings in Adams County, where several motorists were stranded and a number of residential basements were damaged by runoff. Water in basements was as deep as 18 inches.									
<b>Garden County 19SW Oshkosh</b>	<b>06</b>	<b>1637MST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (2.50)</b>
<b>Cheyenne County Lodgepole</b>	<b>06</b>	<b>1655MST</b>			<b>0</b>	<b>0</b>	<b>100K</b>	<b>?</b>	<b>Hail (2.50)</b>
Large hail damaged automobiles, roofs, and trees.									
<b>Perkins County 7N Madrid</b>	<b>06</b>	<b>1810MST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>Hail (0.75)</b>
<b>Dundy County 6N Parks</b>	<b>06</b>	<b>1849CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (0.75)</b>
<b>Custer County 6W Anselmo</b>	<b>06</b>	<b>1930CST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>Lightning</b>
Two acres of pasture burnt.									
<b>Hitchcock County 10S Trenton</b>	<b>06</b>	<b>1951CST</b>	<b>.1</b>	<b>20</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Tornado (F0)</b>
Brief tornado nearly blew trucker off Highway 25, 4 miles north of the Kansas state line.									
<b>Hayes County 10N Hayes Center</b>	<b>06</b>	<b>1952CST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>Hail (0.75)</b>
<b>Dundy County 5E Haigler</b>	<b>06</b>	<b>1953CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (0.75)</b>
<b>Logan County 14SW Stapleton</b>	<b>06</b>	<b>2015CST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>Lightning</b>
20 acres of pasture burnt.									
<b>Hayes County 11W Hayes Center</b>	<b>06</b>	<b>2020CST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>Thunderstorm Wind Hail</b>
Half inch hail driven by 50 mph winds caused crop damage.									
<b>3SE Hayes Center</b>	<b>06</b>	<b>2030CST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>Hail (0.75)</b>
<b>Dundy County 8W Benkelman</b>	<b>07</b>	<b>0100CST</b>			<b>0</b>	<b>0</b>	<b>10K</b>	<b>0</b>	<b>Flash Flood</b>
Bridge and two culverts washed out. Railroad engineer reported water up to the tracks between Parks and Benkelman.									
<b>Custer County 12N Arnold</b>	<b>12</b>	<b>0100CST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>Lightning</b>

## Storm Data and Unusual Weather Phenomena

September 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

### MONTANA Cont'd

Lightning started a grass fire which burnt 200 acres of pasture in northwest Custer County.									
<b>16SW Anselmo</b>	<b>12</b>	<b>0200CST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>Lightning</b>
Lightning started a grass fire which burnt 200 acres of pasture in southwest Custer County.									
<b>Scott Bluff County Minatare</b>	<b>14</b>	<b>1512MST</b>			<b>0</b>	<b>0</b>	<b>40K</b>	<b>0</b>	<b>Lightning</b>
Lightning struck the chimney of Minatare High School, throwing bricks into buildings and 12 cars below.									
<b>Pierce County Pierce</b>	<b>20</b>	<b>1846CST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>Hail (1.50)</b>
<b>Pierce County 2W Pierce</b>	<b>20</b>	<b>1928CST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>Hail (0.75)</b>
<b>Madison County 5NW Norfolk</b>	<b>20</b>	<b>1930CST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>Hail (0.75)</b>
<b>Madison County Norfolk</b>	<b>20</b>	<b>1943CST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>Hail (0.75)</b>
<b>Madison County Norfolk</b>	<b>20</b>	<b>1950CST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>Hail (0.75)</b>
<b>Stanton County 3E Norfolk</b>	<b>20</b>	<b>1955CST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>Hail (0.75)</b>
<b>Douglas County 1NW Elkhorn</b>	<b>21</b>	<b>1340CST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>Hail (0.75)</b>

### NEVADA

<b>Clark County Cal-Nev-Ari</b>	<b>04</b>	<b>1326PST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (1.00)</b>
A severe thunderstorm dropped one-inch hail and 0.71 inches of rain.									
<b>Lander County Battle Mountain</b>	<b>18</b>	<b>1738PST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Thunderstorm Winds</b>
A severe thunderstorm produced a 70 mph gust at the observer station near the airport.									
<b>Carson City County Moundhouse</b>	<b>24</b>	<b>1747PST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (0.75)</b>
A severe thunderstorm produced three-quarters inch hail in Moundhouse, 10 miles east of Carson City on Highway 50.									

### NEW HAMPSHIRE

None reported.

### NEW JERSEY, Northern

<b>Monmouth County</b>	<b>22</b>	<b>1730EST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>0</b>	<b>High Winds</b>
A low pressure center developing off the Maryland coast produced strong and gusty winds. These winds downed several trees and ripped off hundreds of branches which in turn downed power lines.									
<b>Sussex County Sussex</b>	<b>27</b>	<b>0430EST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>0</b>	<b>Thunderstorm Winds</b>
<b>Morris County</b>	<b>27</b>	<b>0500EST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>0</b>	<b>Thunderstorm Winds</b>
A warm front approaching from the south produced some very strong thunderstorms. Numerous trees and power lines were downed as a small cluster of storms moved across northwestern New Jersey. In addition some locally heavy rains accompanied the storms.									

## Storm Data and Unusual Weather Phenomena

September 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

### NEW JERSEY, Northern Cont'd

<b>Sussex County Stanhope</b>	<b>27</b>	<b>0500EST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>Thunderstorm Winds</b>
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A severe thunderstorm uprooted trees in Stanhope.

### NEW JERSEY, Southern

<b>Cape May County</b>	<b>22</b>	<b>1237EST</b>			<b>0</b>	<b>0</b>			<b>High Wind</b>
<b>Cape May County</b>	<b>22</b>	<b>1300EST-</b>							
	<b>22</b>	<b>1500EST</b>			<b>0</b>	<b>0</b>			<b>High Wind (G54)</b>
<b>Cumberland County</b>	<b>22</b>	<b>1625EST-</b>							
	<b>22</b>	<b>1900EST</b>			<b>0</b>	<b>0</b>			<b>High Wind (G53)</b>
<b>Atlantic County</b>	<b>22</b>	<b>1730EST-</b>							
	<b>22</b>	<b>1900EST</b>			<b>0</b>	<b>0</b>			<b>High Wind</b>
<b>Ocean County</b>	<b>22</b>	<b>1800EST-</b>							
	<b>22</b>	<b>1900EST</b>			<b>0</b>	<b>0</b>			<b>High Wind (G57)</b>

An unusually strong and early nor'easter developed along the Delmarva Peninsula on the 22nd. As it moved northeast along the New Jersey coastal waters, wind gusts reached close to and in one instance exceeded hurricane force.

The Cape May/Lewes Ferry recorded a wind gust of 81 mph in Lower Delaware Bay. Fifteen foot seas crashed over the ferry's bow at 1240 EST damaging four cars. Service was canceled for the rest of the afternoon. The Cape May Coast Guard had to rescue three men from their 31 foot sailboat after they lost their mast and engine power.

Wind damage in Cape May County included downed trees in Lower Township (at 215 pm EST), a downed aluminum flag pole in North Wildwood during a gust to 62 mph and two roofs that were blown off in Wildwood Crest and Cape May City. The lost roof in Cape May City was a pavilion under construction on Third Avenue.

In Atlantic County numerous tree limbs and power lines were reported down including Northfield Township. The strong onshore winds also helped cause minor tidal flooding at high tide that evening. The Black Horse Pike (U.S. Route 40) was closed due to flooding around 9 pm EST.

In Cumberland County, a wind gust to 61 mph was measured about 8 miles southwest of Millville at 425 pm EST. In Ocean County, a wind gust to 65 mph was measured in Tuckerton at 700 pm EST. About 15,000 Atlantic Electric customers lost power. Nearly half of the outages occurred in Cape May County.

### NEW MEXICO

<b>Rio Arriba County Chili</b>	<b>01</b>	<b>1400MST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>0</b>	<b>Flash Flooding</b>
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Two mobile homes and several automobiles were completely destroyed by a 12 to 15 foot wall of water which overflowed the banks of Arroyo del Oso through Chili. No one was at home during the event.

<b>Otero County Alamogordo</b>	<b>06</b>	<b>1409MST</b>			<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Lightning</b>
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A 19 year male was killed by lightning as he exited his car in a shopping center park lot in Alamogordo. Light rain was occurring at the time. Fifteen quarter size holes were noted in the pavement near the victim. (M19V)

<b>Rio Arriba County Espanola</b>	<b>07</b>	<b>1530MST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>0</b>	<b>Flash Flooding</b>
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Heavy rain estimated at one and one-half inches in 45 minutes produced street flooding in downtown Espanola. One drainage ditch overflowed allowing water up to six inches deep into several nearby homes and businesses.

<b>Lea County 20 W Jal</b>	<b>07</b>	<b>1920MST</b>	<b>0.1</b>	<b>40</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Tornado (F0)</b>
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## Storm Data and Unusual Weather Phenomena

September 1994

September 1994							
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm

## NEW MEXICO Cont'd

The public reported a small tornado that lasted less than 5 minutes.

**Lea County  
Tatum**

09	1330MST	0	0	3	0	Hail (1.00)
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The Tatum Police Department reported up to quarter-size hail lasting for 10 minutes.

**Lea County**  
**15 W Lovington**

09	1445MST	0	0	0	0	Hail (1.75)
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The Lovington Fire Department reported golfball-size hail.

## Eddy County Loco Hills

09	1517MST	0	0	0	0	Hail (0.75)
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**Loco Hills  
San Juan County  
Kirkland**

18	1530MST	1	1	0	0	Lightning
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Lightning during heavy rain killed a 41 year man and jolted his companion as the pair walked along Highway 64 in Kirkland. (M41O).

**NEW YORK, Eastern**

## Tioga County

27	0000EST-0530EST	0	0	3	0	Flash Flood
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## Sullivan County

27	1455EST	0	0	0	0	Hail(0.75)
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**Wurtsboro  
Sullivan County**

27	1530EST- 1700EST	0	0	5	0	Flash Flood
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A storm over the Ohio Valley circulated tropical moisture across the Southern Tier of New York which resulted in thunderstorms across the area. Thunderstorms produced flash flooding across parts of Tioga and Sullivan Counties and a severe thunderstorm produced dime-size hail in Wurtsboro. In Tioga County several roads were under water in the Towns of Owego, Candor and Tioga. In Sullivan County a 100-foot section of Route 97 and 40 feet of fill beneath it was washed out during torrential rains. The break occurred about two miles north of the interstate bridge at Pond Eddy. The cost of repairing the collapsed section of Route 97 was estimated at \$300,000 to \$400,000.

**NEW YORK, Coastal**

**NYZ068-070>071-076>081**

<b>22</b>	<b>1700EST</b>	<b>0</b>	<b>0</b>	<b>?</b>	<b>0</b>	<b>High Wind</b>
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**Southeast New York**

A low pressure center developing off the Maryland coast produced strong and gusty winds. These winds downed several trees and ripped off hundreds of branches which in turn downed power lines. Nearly 18,000 homes lost power for several hours. The high winds generated rough seas that in turn damaged some boats and a dock.

Queens County  
Nassau County  
Suffolk County  
Western Portion

27	0700EST-1200EST	0	0	?	0	Heavy Rain
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A warm front approaching from the south produced some very heavy rains across the area during the morning hours. Rainfall amount of between one and three inches lead to serious urban flooding . Highways and railways suffered equally during the morning rush hours as considerable delays were encountered on both. Several motorists attempted to drive through flooded areas only to have their cars float and then sink.

**NEW YORK, Western**

## Chemung County

27	0100EST	0	0	4	0	Flash Flood
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Rainfall amounts of up to three inches fell from thunderstorms and resulted in flash flooding. Several roads were under water. Bridges were washed out in the southeast part of the county.

**Cayuga County  
2 N of Weedsport**

<b>27</b>	<b>1430EST</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>4</b>	<b>Thunderstorm Winds</b>
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## Storm Data and Unusual Weather Phenomena

September 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

### NEW YORK, Western Cont'd

**Lewis County  
Watertown**

**27 1630EST 0 0 4 0 Thunderstorm Winds**

Thunderstorms produced damaging winds which downed trees and power and telephone lines. In Cayuga County, the thunderstorm winds tore off a portion of the roof of a mobile home.

### NORTH CAROLINA

**Union County  
Waxhaw**

**01 1530EST 0 0 0 0 Hail (1.75)**

Golfball-size hail reported near Waxhaw in western Union County.

**Iredell County  
SW of Mooresville**

**01 1830EST 0 0 0 0 Thunderstorms Winds**

**Hoke County  
S of Antioch**

**02 1200EST 0 0 0 0 Thunderstormw Winds**

Hoke county Communications Center reported trees down on Highway 211.

**Brunswick County  
1 S Longwood**

**18 1645EST .2 40 0 0 5 0 Tornado (F1)**

Tornado took roof off a mobile home in the Longwood area. Tornado then moved east across the road and damaged some playground equipment by a school, shifted a mobile home off its footings, jumped over a house and then destroyed another mobile home.

**Brunswick County  
Near Holden Beach**

**18 1655EST 0 0 4 0 Thunderstorm Winds**

Trees blown down on homes.

**Brunswick County  
Near Long Beach**

**18 1745EST 0 0 0 0 Thunderstormw Winds**

Trees blown down.

**New Hanover County  
Near Seabreeze**

**18 1815EST 0 0 0 0 Thunderstormw Winds**

Large trees blown down.

**Dare County**

**22 0330EST .2 25 0 1 4 0 Tornado (F0)**

A small tornado destroyed a mobile home and flipped over a travel camper near Waves and Rodanthe.

**Moore County**

**24 1500EST-1715EST ? ? ? ? Flash Flood**

Moore county Emergency Services reported several roads under water. Also reported flooding in basements of several houses. Radar showed between 2.00 and 3.00 inches of rain in one hour.

**Columbus County  
Fair Bluff  
Cherry Grove  
Chadbourn**

**24 1730EST-2045EST ? ? ? ? Flash Flood**

Flooding reported around Fair Bluff, Cherry Grove and Chadbourne by Columbus County sheriff dept. Highways 76 and 904 reported flooded. Radar indicated three hour rainfall of 5.1 inches.

**Cleveland County  
Polkville**

**25 1355EST ? ? ? ? Thunderstorm Winds**

Amateur radio operator reported several trees down along Route 226.

**Stanly County  
Locust**

**25 1552EST ? ? ? ? Hail (1.00)**

### NORTH CAROLINA Cont'd

## Storm Data and Unusual Weather Phenomena

September 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<b>Frog Pond</b>	<b>25</b>	<b>1625EST</b>			<b>?</b>	<b>?</b>	<b>?</b>	<b>?</b>	<b>Thunderstorm Winds</b>
Trees blown down in southwestern Stanly County near Frog Pond.									
<b>Rockingham County</b>	<b>25</b>	<b>1725EST</b>			<b>?</b>	<b>?</b>	<b>?</b>	<b>?</b>	<b>Thunderstorm Winds</b>
<b>Madison</b>									
<b>Rowan County</b>	<b>25</b>	<b>1840EST</b>			<b>?</b>	<b>?</b>	<b>?</b>	<b>?</b>	<b>Hail (0.75)</b>
<b>S of Salisbury</b>	<b>25</b>	<b>1920EST</b>			<b>?</b>	<b>?</b>	<b>?</b>	<b>?</b>	<b>Thunderstorm Winds</b>
<b>E of Salisbury</b>	<b>25</b>	<b>1920EST</b>			<b>?</b>	<b>?</b>	<b>?</b>	<b>?</b>	<b>Thunderstorm Winds</b>
<b>Iredell County</b>	<b>25</b>	<b>2107EST</b>			<b>?</b>	<b>?</b>	<b>?</b>	<b>?</b>	<b>Hail (0.75)</b>
<b>Mooreville</b>	<b>25</b>	<b>2107EST</b>			<b>?</b>	<b>?</b>	<b>?</b>	<b>?</b>	<b>Hail (0.75)</b>
<b>Martin County</b>	<b>26</b>	<b>1505EST</b>			<b>?</b>	<b>?</b>	<b>?</b>	<b>?</b>	<b>Hail (0.80)</b>
<b>Beargrass</b>	<b>26</b>	<b>1505EST</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>Thunderstorm Winds</b>
<b>Martin County</b>	<b>26</b>	<b>1505EST</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>Thunderstorm Winds</b>
<b>Beargrass</b>	<b>26</b>	<b>1505EST</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>Thunderstorm Winds</b>
Two tobacco storage barns had roofs blown off.									
<b>Hertford County</b>	<b>26</b>	<b>1615EST</b>			<b>?</b>	<b>?</b>	<b>?</b>	<b>?</b>	<b>Hail (0.80)</b>
<b>7 WSW Ahoskie</b>	<b>26</b>	<b>1615EST</b>			<b>?</b>	<b>?</b>	<b>?</b>	<b>?</b>	<b>Hail (1.60)</b>
<b>Murfreesboro</b>	<b>26</b>	<b>1615EST</b>			<b>?</b>	<b>?</b>	<b>?</b>	<b>?</b>	<b>Hail (1.60)</b>
<b>NORTH DAKOTA</b>									
<b>Stark County</b>	<b>09</b>	<b>2017CST</b>			<b>?</b>	<b>?</b>	<b>?</b>	<b>?</b>	<b>Thunderstorm Wind (G60)</b>
<b>Taylor</b>	<b>09</b>	<b>2330CST</b>			<b>?</b>	<b>?</b>	<b>?</b>	<b>?</b>	<b>Thunderstorm Wind (G60)</b>
<b>Carson County</b>	<b>09</b>	<b>2330CST</b>			<b>?</b>	<b>?</b>	<b>?</b>	<b>?</b>	<b>Thunderstorm Wind (G60)</b>
<b>Grant</b>	<b>10</b>	<b>845CST</b>			<b>0</b>	<b>2</b>	<b>.01M</b>	<b>0K</b>	<b>Thunderstorm Wind (G64)</b>
<b>Cavalier County</b>	<b>11</b>	<b>1250CST</b>			<b>?</b>	<b>?</b>	<b>?</b>	<b>?</b>	<b>Hail (1.75)</b>
<b>Langdon</b>	<b>11</b>	<b>1300CST</b>			<b>?</b>	<b>?</b>	<b>?</b>	<b>?</b>	<b>Hail (1.00)</b>
<b>Cass County</b>	<b>11</b>	<b>1310CST</b>			<b>?</b>	<b>?</b>	<b>?</b>	<b>?</b>	<b>Hail (1.00)</b>
<b>Arthur</b>	<b>12</b>	<b>640CST</b>			<b>?</b>	<b>?</b>	<b>?</b>	<b>?</b>	<b>Hail (1.75)</b>
<b>Arthur</b>	<b>14</b>	<b>1643CST</b>			<b>?</b>	<b>?</b>	<b>?</b>	<b>?</b>	<b>Hail (0.75)</b>
<b>40.0 SW Gardner</b>	<b>14</b>	<b>1643CST</b>			<b>?</b>	<b>?</b>	<b>?</b>	<b>?</b>	<b>Hail (0.75)</b>
<b>Burleigh County</b>	<b>14</b>	<b>1842CST</b>			<b>?</b>	<b>?</b>	<b>?</b>	<b>?</b>	<b>Hail (1.75)</b>
<b>Baldwin</b>	<b>14</b>	<b>1845CST</b>			<b>?</b>	<b>?</b>	<b>?</b>	<b>?</b>	<b>Hail (0.75)</b>
<b>Mckenzie County</b>	<b>14</b>	<b>1900CST</b>			<b>?</b>	<b>?</b>	<b>?</b>	<b>?</b>	<b>Hail (1.75)</b>
<b>20. E Grassy Butte</b>	<b>14</b>	<b>1905CST</b>			<b>?</b>	<b>?</b>	<b>2K</b>	<b>?</b>	<b>Thunderstorm Wind</b>
<b>Bowman County</b>	<b>14</b>	<b>1905CST</b>			<b>?</b>	<b>?</b>	<b>8K</b>	<b>?</b>	<b>Hail (1.75)</b>
<b>Rhame</b>	<b>14</b>	<b>2005 to</b>			<b>?</b>	<b>?</b>	<b>?</b>	<b>?</b>	<b>Hail (0.75)</b>
<b>Billings County</b>	<b>14</b>	<b>2017CST</b>			<b>?</b>	<b>?</b>	<b>?</b>	<b>?</b>	<b>Hail (0.75)</b>
<b>99.9 W Fairfield</b>	<b>14</b>	<b>2230CST</b>			<b>?</b>	<b>?</b>	<b>?</b>	<b>?</b>	<b>Tornado (F0)</b>
<b>Williams County</b>	<b>14</b>	<b>2250CST</b>			<b>?</b>	<b>?</b>	<b>?</b>	<b>?</b>	<b>Tornado (F0)</b>
<b>Buford</b>	<b>14</b>	<b>2250CST</b>			<b>?</b>	<b>?</b>	<b>?</b>	<b>?</b>	<b>Tornado (F0)</b>
<b>Stark County</b>	<b>14</b>	<b>2250CST</b>			<b>?</b>	<b>?</b>	<b>?</b>	<b>?</b>	<b>Tornado (F0)</b>
<b>Dickinson</b>	<b>14</b>	<b>2250CST</b>			<b>?</b>	<b>?</b>	<b>?</b>	<b>?</b>	<b>Tornado (F0)</b>
<b>Taylor</b>	<b>14</b>	<b>2250CST</b>			<b>?</b>	<b>?</b>	<b>?</b>	<b>?</b>	<b>Tornado (F0)</b>
<b>Ward County</b>	<b>14</b>	<b>2250CST</b>			<b>?</b>	<b>?</b>	<b>?</b>	<b>?</b>	<b>Tornado (F0)</b>
<b>30.0 E Carpio</b>	<b>14</b>	<b>2250CST</b>			<b>?</b>	<b>?</b>	<b>?</b>	<b>?</b>	<b>Tornado (F0)</b>
<b>30.0 N Minot AFB</b>	<b>14</b>	<b>2250CST</b>			<b>?</b>	<b>?</b>	<b>?</b>	<b>?</b>	<b>Tornado (F0)</b>

Two separate tornadoes touched down briefly and did no damage.

**NDZ034>036-029**  
parts of south central  
and east central

**15**

**Heavy Rain**

Heavy rain caused water to run over roads and flood buildings and basements. Two schools in Bismarck were closed due to the water.

**McLean County**  
**W of Washburn**

**19 2145CST**

**.01M**

**Lightning**

### OHIO

**Ashtabula County**

## Storm Data and Unusual Weather Phenomena

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
September 1994									
Ashtabula Conneaut	06	2005EST			0	0	3	0	Thunderstorm Winds
									Trees were downed.
Hamilton County NE Portion	24	1540EST- 1615EST			0	0	3	0	Flash Flood
									Minor street flooding occurred during heavy thunderstorm rains.
Logan County Santa Fe	24	1420EST			0	0	5	0	Thunderstorm Winds Hail (1.75)
									Trees and limbs were downed, some on power lines. Wind driven large hail damaged siding and broke windows.
Licking County Utica	24	1540EST			0	0	4	0	Thunderstorm Winds
									Dozens of trees were downed.
Knox County Danville	24	2100EST			0	0	3	0	Thunderstorm Winds
									Trees were downed, some on power lines.
Scioto County Shawnee Lake	25	0315EST			0	0	3	4	Hail (1.00) Thunderstorm Winds
									Trees were downed and wind driven large hail damaged some crops.
Pike County Piketon	25	0400EST			0	0	0	0	Hail (0.75)
Waverly									
Van Wert County Delphos	25	1140EST			0	0	0	4	Hail (1.00) Thunderstorm Winds
Allen County Spencerville	25	1150EST			0	0	0	4	Hail (1.00) Thunderstorm Winds
									Winds reported at 60 mph combined with large hail damaged crops.
Putnam County Continental	25	1220EST			0	0	5	5	Hail (1.75)
Henry County Hamler	25	1237EST			0	0	5	5	Hail (2.00)
Malinta									
Near Holgate									Large hail, driven by strong winds, broke windows and damaged siding, roofs, and cars. Crops were destroyed.
Tuscarawas County New Commerstown	25	1311EST			0	0	0	0	Thunderstorm Winds
									Trees and limbs downed, some on power lines.
Fulton County Swanton	25	1330EST			0	0	0	0	Hail (0.75) Thunderstorm Winds
									Large limbs were downed, some on power lines. Large hail fell.
Medina County S of Medina	25	1330EST			0	0	4	4	Hail (1.75)
OHIO Cont'd									
									Large hail damaged some property and crops in a rural area.

## Storm Data and Unusual Weather Phenomena

September 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<b>Athens County</b>									
<b>The Plains</b>	25	1340EST			0	0	0	0	<b>Hail (1.00)</b>
<b>Stark County</b>	25	1350EST			0	0	4	4	<b>Hail (0.85)</b>
<b>SE Portion</b>									
Trees were downed in several locations including Waynesburg and Robertsville. Large hail was reported in several locations including Waynesburg, Magnolia, and East Canton. Some property and crop damage occurred.									
<b>Cuyahoga County</b>									
<b>E Portion</b>	25	1405EST			0	1	6	0	<b>Hail (1.75) Lightning</b>
Large hail, driven by strong winds, occurred at a number of locations including Bedford and Oakwood where hail covered the ground like snow and stripped foliage from trees. Numerous homes and businesses reported damage to siding, roofs, windows, and vehicles. A Metroparks ranger at Brookside Park was injured when lightning struck a nearby light pole, then jumped to the tree which he was standing under striking him.									
<b>Summit County</b>									
<b>Northfield</b>	25	1405EST			0	0	0	0	<b>Hail (1.00)</b>
<b>Muskingum County</b>									
<b>Duncan Falls</b>	25	1420EST			0	0	3	0	<b>Thunderstorm Winds</b>
Trees were downed.									
<b>Franklin County</b>									
<b>Gahanna</b>	25	1425EST			0	0	3	0	<b>Thunderstorm Winds</b>
Trees were downed.									
<b>Morgan County</b>									
<b>McConnelsville</b>	25	1434EST			0	0	3	0	<b>Thunderstorm Winds</b>
Trees were downed.									
<b>Ross County</b>									
<b>Hallsville</b>	25	1440EST			0	0	0	0	<b>Hail (0.75)</b>
<b>Morrow County</b>									
<b>Sparta</b>	25	1445EST			0	0	4	0	<b>Thunderstorm Winds</b>
<b>Marengo</b>									
Trees and limbs were downed, some on power lines. Some damage occurred to roofs and siding. Signs and bleachers were damaged at Highland High School (Sparta area).									
<b>Hocking County</b>									
<b>Laurelville</b>	25	1448EST			0	0	0	0	<b>Hail (0.75)</b>
<b>Gibsonville</b>									
<b>Geauga County</b>									
<b>Chesterland</b>	25	1510EST			0	0	0	0	<b>Hail (0.85)</b>
<b>Licking County</b>									
<b>Newark</b>	25	1530EST			1	1	0	0	<b>Thunderstorm Winds Hail (1.0) Lightning</b>
<b>Hebron</b>									
Winds of 60 mph were reported in Newark. Large hail fell in Hebron where lightning killed a 46-year-old man as he attempted to untie a dog from under a tree to get it to shelter from the hail storm. A 33-year-old woman at the scene was also struck and injured. The dog was unharmed.									
<b>Fairfield County</b>									
<b>Rushville</b>	25	1530EST			0	0	0	0	<b>Hail (0.75)</b>
<b>Bremen</b>									
<b>Buckeye Lake</b>									
<b>Washington County</b>									
<b>Watertown</b>	25	1530EST			0	0	3	4	<b>Thunderstorm Winds Hail (1.25)</b>

### OHIO Cont'd

Trees were downed. Some crops were damaged by large hail.

## Storm Data and Unusual Weather Phenomena

September 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<b>Mahoning County S Portion</b>	25	1530EST			0	0	6	4	<b>Hail (1.75)</b>
<b>Columbiana County N Portion</b>	25	1534EST			0	0	5	5	<b>Hail (1.75)</b>
									Large hail, driven by high winds, occurred at a number of locations. Siding and roof damage occurred and a large number of cars were damaged. Crops were also damaged.
<b>Carroll County Near Waynesburg</b>	25	1545EST			0	0	4	0	<b>Thunderstorm Winds</b>
									Numerous trees were downed.
<b>Trumbull County Green Township</b>	25	1618EST			0	0	3	0	<b>Thunderstorm Winds</b>
									Trees were downed.
<b>Columbiana County Hanoverton and Leetonia</b>	25	1620EST			0	0	0	4	<b>Hail (0.75)</b>
									Large hail fell heavily and covered the ground. Some crops were damaged. Funnel clouds were reported but no touch down occurred.
<b>Huron County New London</b>	25	1630EST			0	0	3	0	<b>Thunderstorm Winds</b>
									Trees were downed.
<b>Lorain County Lorain Sheffield Lake</b>	25	1635 EST			0	0	4	0	<b>Thunderstorm Winds</b>
									Trees and large limbs were downed, some on power lines. At least one home was damaged by a fallen tree.
<b>Mahoning County New Spring- field</b>	25	1638EST			0	0	0	4	<b>Hail (1.25)</b>
									Some crops were damaged.
<b>Ashtabula County Geneva</b>	25	1414EST			0	0	3	0	<b>Thunderstorm Winds</b>
									Trees were downed.
<b>Lake County Fairport Harbor</b>	25	1400EST			0	0	3	0	<b>Thunderstorm Winds</b>
									Trees were downed. Lost Nation Airport reported a wind gust of 58 mph.
<b>Cuyahoga County E Portion</b>	28	1820EST- 2026EST			0	0	3	0	<b>Flash Flood</b>
									Heavy rains from thunderstorms caused street flooding and flooding of poor drainage areas in a number of locations including South Euclid and Cleveland Heights.
<b>Huron County Norwalk</b>	30	2255EST	0.2	25	0	0	4	0	<b>Tornado (F1)</b>
									A small tornado touched down for a short time in an wooded area and flattened a number of trees.
<b>OKLAHOMA</b>									
<b>Texas County Hooker</b>	07	2045CST			0	0	0	0	<b>Thunderstorm Winds (G60)</b>

## Storm Data and Unusual Weather Phenomena

September 1994

September 1994									
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Harper County 3 E Rosston	07	2050CST			0	0	?	?	Thunderstorm Wind (G53)
Texas County Hooker	07	2052CST			0	0	0	0	Hail (0.75)
Beaver County Beaver	07	2115CST			0	0	0	0	Thunderstorm Winds (G52)
Texas County 5 NW Optima	07	2124CST			0	0	0	0	Hail (0.75)
Ellis County 9 NE Catesby	07	2200CST			0	0	?	?	Thunderstorm Wind (G52)
Woodward County Woodward Arpt	07	2237CST			0	0	?	?	Thunderstorm Wind (G52)
Roger Mills County 0.5 NNW Cheyenne	07	2310CST			0	0	?	?	Thunderstorm Wind (G51)
Severe thunderstorms across northwest Oklahoma produced winds over 60 mph and blew tree limbs down 3 miles east of Rosston.									
Texas County Goodwell	08	0010CST			0	0	0	0	Hail (0.75)
Thunderstorms moved through the Oklahoma panhandle producing quarter-size hail and winds to near 75 mph. Most of the reports came from county sheriff's office's and police departments.									
Marshall County Madill	08	1210CST			0	0	3	?	Lightning
Grady County NW of Alex	08	1345CST			0	0	?	?	Flash Flooding
Grady County 2 S Alex	08	1445CST			0	0	4	?	Thunderstorm Wind
Scattered thunderstorms moved across parts of central and southern Oklahoma during the afternoon. Lightning struck an oil tank battery in Marshall County setting it on fire. In Grady County SH 19 was closed between Alex and Chickasha due to high water and a mobile home was destroyed by thunderstorm winds 2 miles south of Alex. Damage was estimated at \$20,000.									
McIntosh County 1 E Eufaula	08	1530CST			0	0	?	?	Hail (1.00)
8 NE Eufaula	08	1530CST			0	0	?	?	Hail (1.00)
An isolated severe thunderstorm developed in McIntosh County of east central Oklahoma during the afternoon of September 8th. The storm produced dime- to quarter-size hail just east of Eufaula and quarter-size hail which covered the ground eight miles northeast of Eufaula.									
Harper County 7 NE Buffalo	21	1645CST			0	0	?	?	Thunderstorm Wind (G52)
Woods County 3 NW Plainview	21	1700CST			0	0	?	?	Hail (0.75)
Woodward County 3 SSW Freedom	21	1715CST			0	0	?	?	Thunderstorm Wind (G55)
10 S Tangier	21	1830CST			0	0	?	?	Thunderstorm Wind (G52)
10 S Tangier	21	1830CST			0	0	?	?	Hail (0.75)
Severe thunderstorms in northwest Oklahoma produced dime-sized hail and winds over 60 mph.									
Pawnee County Pawnee	21	2000CST			0	0	?	?	Thunderstorm Winds (G55)
A severe thunderstorm produced 64 mph winds at the mesonet automated observing site in Pawnee.									
TEXAS, Northern	Sep94								
None reported.									
OREGON									
Klamath County 9 E Chiloquin	28	1030PST			?	?	?	?	Hail (1.00)

## Storm Data and Unusual Weather Phenomena

September 1994

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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### PENNSYLVANIA, Eastern

<b>Berks County</b>	26	0700EST-							
<b>Reading</b>	26	0930EST			0	0	?	?	<b>Flood/Flash Flood</b>

About two inches of rain fell within two hours in Reading. This caused flooding of the Spring Street Subway. Cars became submerged and stranded on Nicolls Street.

<b>Chester County</b>	26	1248EST							
<b>Atglen</b>	26	1248EST			1	2	?	?	<b>Lightning</b>

Three men teeing off on the first hole of the Moccasin Run Golf Course in Atglen were struck by lightning. One was killed and the others were injured. (M31O)

<b>Carbon County</b>	26	1400EST							
<b>Parryville</b>	26	1400EST			0	0	?	?	<b>Lightning</b>

A lightning bolt struck the Blue Ridge Cable Television Tower in Parryville. Consequently, their Lehigh Valley customers lost all service for an hour and did not have full service until 10 pm. The lightning strike and subsequent power surge caused extensive damage to the computers in the equipment room.

<b>Columbia County</b>	26	1430EST							
<b>Greenwood</b>	26	1430EST			0	0	?	?	<b>Thunderstorm Winds</b>

Severe thunderstorms collapsed a shed and damaged a barn roof. Damage was estimated at \$25,000. A second barn also lost its roof in Pine Township.

<b>Columbia County</b>	26	1455EST-							
	26	1730EST			0	0	?	?	<b>Flood/Flash Flood</b>

An estimated 2 inches of rain fell within 30 minutes around Bloomsburg. This partially submerged the middle and southern end of the Bloomsburg fairground. Numerous vendors were forced to close for the day. Elsewhere in Columbia County, in Greenwood Township flood waters carried a Ford Explorer into a stream. The vehicle became wedged underneath a bridge on Pennsylvania State Route 254. Flooding forced the closure of Pennsylvania State Route 487. Several streams within the county exceeded their banks.

<b>Snyder County</b>	26	1600EST							
<b>8 SW Freeburg</b>	26	1600EST			0	0	?	?	<b>Thunderstorm Winds</b>

Trees were reported uprooted about three miles southwest of Fremont.

<b>Dauphin County</b>	26	1610EST-							
<b>Northern</b>	26	1845EST			0	0	?	?	<b>Flood/Flash Flood</b>

Torrential downpours caused flash flooding across northern Dauphin County. A rain gage in Millersburg recorded a storm total of 4.6 inches, with about 3 inches falling within an hour. Pennsylvania State Route 147 was closed for three hours between Halifax and Millersburg due to flooding and mud slides. About 50 basements were flooded in Millersburg. The heavy rain caused the closure of U.S. Route 209 as a culvert pipe backed up and water spilled over the roadway. No injuries were reported.

<b>Montour County</b>	26	1830EST-							
	27	0015EST			0	0	?	?	<b>Flood/Flash Flood</b>

Heavy rain flooded basements and roadways throughout the county.

<b>Northumberland County</b>	26	1830EST-							
	27	0015EST			0	0	?	?	<b>Flood/Flash Flood</b>

Torrential downpours caused small stream flooding and numerous mud slides throughout the county. Hardest hit townships included Augusta, Dalmatia, Herndon, Jackson and Mahoney. Rock, water,

### PENNSYLVANIA, Eastern Cont'd

and mud slides spilled over Pennsylvania State Routes 147 in Lower Augusta, 3010 in Herndon, 225 near Mountain View Manor, 2018 in the Overlook Area, 54 in Riverside and 125 in Rosini's Breaker. No injuries were reported.

## Storm Data and Unusual Weather Phenomena

September 1994

September 1994									
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
Union County	26 27	2130EST- 0015EST			0	0	?	?	Flood/Flash Flood
Heavy rain flooded roadways throughout the county.									
Wyoming County	27 27	0300EST- 0600EST			0	0	?	?	Flood/Flash Flood
Thunderstorms with very heavy rain caused flash flooding throughout Wyoming County. The hardest hit township was Eaton Township where two bridges and one roadway were washed away. In addition, several residents had to dig out from several feet of rocks, dirt and debris left on their property. The force of the flood waters carried two cars several hundred feet, shifted a mobile home off its foundation and destroyed a garage. Other hard hit communities included Mehoopany (road washout), Nicholson (street flooding near Lake Sheridan), Tunkhannock (bridge washed out) and Washington Townships (part of a bridge washed out). No injuries were reported.									
Susquehanna County Southwest	27 27	0430EST- 0645EST			0	0	?	?	Flood/Flash Flood
Torrential downpours caused flash flooding in Dimock on Pennsylvania State Route 3004 and Springville on Pennsylvania State Route 3019.									
Pike County 4 NW Matamoras 7 W Milford	27 27	1410EST 1415EST			0 0	0 0	? ?	? ?	Hail 175 Hail 100
Golf ball size hail fell in Millrift. Quarter size hail fell over Gold Key Lake.									
Pike County	27 27	1500EST- 2100EST			0	0	?	?	Flood/Flash Flooding
Torrential downpours caused widespread flooding throughout Pike County and even forced the closure of several major roadways. Storm totals averaged 2 to 3 inches across the county with a total of 5.75 inches reported in Log Tavern Pond. The worst damage was along the Sawkill Creek. Three households along the creek had to be evacuated in Milford. In Milford, a bridge over the Sawkill Creek on U.S. Route 209 was closed for 20 hours after a supporting embankment was washed away by the flood waters. Even when reopened, it was reduced to one lane in either direction. Two thousand yards of U.S. Route 6 northwest of Milford was washed away. Pennsylvania State Routes 2001 and 739 also sustained damage. On October 1st a state of emergency had to be declared in the county after the westbound lanes of Interstate 84 between Matamoras and Milford were closed. This was the result of weakened bridge columns discovered from the flooding Sawkill Creek on the 27th. The interstate was scheduled to reopen on October 6th. No injuries were reported.									
PENNSYLVANIA, Western									
Beaver County Monaca	06	1625EST			0	0	0	0	Hail (0.75)
Allegheny County Moon	06	1635EST			0	0	3	0	Thunderstorm Winds
Trees were downed in Moon Township, one of which fell onto two cars. Power lines were also downed on Narrows Run Road.									
Beaver County Economy	06	2030EST			0	0	?	0	Heavy Rain
Heavy rain (amount unknown) caused the roof of the Leewards building in the Northern Light shopping center to collapse.									
PENNSYLVANIA, Western Cont'd									
Allegheny County Plum	15	1713EST			0	0	4	0	Lightning
Lightning struck a home causing heavy damage to the second floor.									
Mercer County									

## Storm Data and Unusual Weather Phenomena

September 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Character of Storm
					Killed	Injured	Property - Crops	
<b>Jamestown</b>	<b>25</b>	<b>1620EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (0.75)</b>
<b>Crawford County</b>								
<b>2 N Jamestown</b>	<b>25</b>	<b>1627EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (1.00)</b>
<b>Conneaut Lake</b>	<b>25</b>	<b>1637EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (0.75)</b>
<b>7 NW Meadville</b>	<b>25</b>	<b>1700EST</b>			<b>0</b>	<b>0</b>	<b>5</b>	<b>Hail (3.80)</b>
								<b>Thunderstorm Winds</b>
Around 40 homes were damaged by a severe hail storm at Little Corners in Hayfield Township. Windows were broken and cars were damaged. Trees were also downed by thunderstorm winds.								
<b>Erie County</b>								
<b>Edinboro</b>	<b>25</b>	<b>1720EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (1.25)</b>
<b>Westmoreland County</b>								
<b>Murrysville</b>	<b>25</b>	<b>1735EST</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>Thunderstorm Winds</b>
Trees and power lines down; roads were blocked.								
<b>Lawrence County</b>								
<b>New Castle</b>	<b>25</b>	<b>1740EST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>Thunderstorm Winds</b>
Large limbs down, some on power lines.								
<b>Erie County</b>								
<b>North East</b>	<b>25</b>	<b>1755EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (1.00)</b>
<b>Mercer County</b>								
<b>Mercer</b>	<b>25</b>	<b>1755EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (1.00)</b>
<b>Erie County</b>								
<b>Hammett</b>	<b>25</b>	<b>1820EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (0.75)</b>
<b>Mercer County</b>								
<b>3 E Sandy Lake</b>	<b>25</b>	<b>1822EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>Funnel Cloud</b>
								<b>Thunderstorm Winds</b>
Trees down along Route 62 near the Mercer/Venango County Line. A funnel cloud was sighted.								
<b>Washington County</b>								
<b>Washington</b>	<b>25</b>	<b>1840EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>Thunderstorm Winds</b>
Trees down.								
<b>Venango County</b>								
<b>8 N Franklin</b>	<b>25</b>	<b>1840EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>Thunderstorm Winds</b>
Trees down.								
<b>Crawford County</b>								
<b>Centerville</b>	<b>25</b>	<b>1954EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>Thunderstorm Winds</b>
Trees down.								
<b>Clarion County</b>								
<b>Shippensburg</b>	<b>25</b>	<b>2140EST</b>			<b>0</b>	<b>?</b>	<b>4</b>	<b>Thunderstorm Winds</b>
Several reports of downed trees, one of which fell onto a car.								
<b>Armstrong County</b>								
<b>West Kittanni</b>	<b>26</b>	<b>0445EST</b>			<b>0</b>	<b>0</b>	<b>5</b>	<b>Thunderstorm Winds</b>
Numerous trees and power lines downed. Several trees fell on homes and cars.								
<b>Cambria County</b>								
<b>Mineral Sprin</b>	<b>26</b>	<b>1710EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>Thunderstorm Winds</b>
<b>PENNSYLVANIA, Western Cont'd</b>								
Trees down.								
<b>Cambria County</b>								
<b>Clearfield County</b>								
<b>2 NW St. Lawrence to 2 E Westover</b>	<b>26</b>	<b>1755EST-1810EST</b>	<b>3.5</b>	<b>300</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>Tornado (F2)</b>

## Storm Data and Unusual Weather Phenomena

September 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Character of Storm
					Killed	Injured	Property - Crops	

A tornado damaged one house and downed numerous trees from just northwest of St. Lawrence, Cambria County, to east of Westover, Clearfield County.

A storm survey was conducted by the National Weather Service and the Penn State Meteorology Department.

### Clearfield County Curwensville 1 W Shawville

26	1840EST			0	0	0	0	Hail (0.75), Funnel Cloud
26	1910EST			0	0	0	0	Thunderstorm Winds

Trees were downed near Shawville. Three-quarter inch hail and a funnel cloud were sighted by a storm spotter at Curwensville.

### Cameron County 5 E Emporium

26	2020EST	4.0	100	0	0	0	0	Tornado (F1), Hail (1.75)
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A tornado touched down in the Elk State Forest. Many trees were downed. At Prospect Park, golf ball-size hail was observed.

A storm survey was conducted by the National Weather Service and the Pennsylvania Bureau of Forestry. Due to the rugged terrain, path length was estimated. Width of the tornado was around 300 feet at its widest point, but average width was about 50 feet.

### Potter County 2 NW Austin

26	2020EST			0	0	0	0	Thunderstorm Winds
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Trees down.

## RHODE ISLAND

None reported.

## SOUTH CAROLINA

### Greenville County Mauldin

01	1600EST			0	1	0	0	Lightning
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A 16-year-old girl was injured by lightning as she stepped out of her stalled car during a thunderstorm.

### York County Fort Mill and Tega Cay

01	1631EST			0	0	3	0	Thunderstorm Winds
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Trees downed by wind. Pea-size hail reported.

### Charleston County Charleston

07	1900EST			0	0	4	0	Heavy Rain
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Heavy rains caused localized flooding in uptown Charleston.

### Bamberg County 2 S Bamberg

18	1210EST			0	0	4	0	Lightning
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Lightning-set fire heavily damaged a mobile home.

### Orangeburg County Cope area

18	1255EST			0	0	4	0	Lightning
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A lightning-set fire completely destroyed Emmanuel AME Church located in the Canaan community about six miles east of Cope.

## SOUTH CAROLINA Cont'd

### Orangeburg County Cope

18	1315EST	0.1	30	0	0	5	0	Tornado (F1)
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Tornado touched down in a field then took half the roof off a country store in Cope spreading debris downstream. Power lines downed.

### Sumter County

## Storm Data and Unusual Weather Phenomena

September 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<b>Sumter area</b>	<b>18</b>	<b>1630EST</b>			<b>0</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>Heavy Rain</b>
Two to six inches of rain near Sumter. Sumter streets in north and western parts of city flooded. Traffic was disrupted, also some homes flooded.									
<b>Horry County Myrtle Beach</b>	<b>18</b>	<b>1645EST</b>			<b>0</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>Thunderstorm Winds</b>
Myrtle Beach trees and limbs down near Waccamaw Pottery on U.S. 501. Several large signs (24'x 26') blown down, some shingles removed, and a mobile home heavily damaged. Damage estimated \$75,000. Five hundred power outages reported in Horry County.									
<b>Charleston County North Charleston</b>	<b>24</b>	<b>1030EST</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>Thunderstorm Winds</b>
At Parc Circle in North Charleston, trees down, bleachers damaged, fence mangled, and scoreboard destroyed. The damage was \$25,000.									
<b>Florence County 1 E Lake City</b>	<b>24</b>	<b>1145EST</b>	<b>0.5</b>	<b>100</b>	<b>0</b>	<b>11</b>	<b>5</b>	<b>0</b>	<b>Tornado (F1)</b>
A tornado, described as a big white twisting cloud, picked up two mobile homes, twisted them in the air and tore them apart; six other mobile homes were damaged. Three girls who saw the approaching tornado vacated one of the mobile homes before it was picked up and destroyed; a woman was thrown out of another mobile home and seriously injured. Three homes, six cars, and two businesses were damaged, also power lines and trees were downed, and eleven people (eight treated at local hospital and released) received minor injuries. The roof was blown off a lumber company's Show Room.									
<b>Florence County Lake City area</b>	<b>24</b>	<b>1145EST</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>Hail (1.75)</b>
Thunderstorm producing large "clumps" of hail accompanied passage of tornado.									
<b>Orangeburg County Eutawville</b>	<b>24</b>	<b>1730EST</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>Heavy Rains</b>
Heavy rains flooded roads to a waist-deep depth in some places.									
<b>Georgetown County Countywide</b>	<b>24</b>	<b>1800EST</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>Thunderstorm Winds</b>
Trees and power lines down.									
<b>Greenville County Pelham</b>	<b>24</b>	<b>1815EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Funnel Cloud</b>
<b>Spartanburg County</b>	<b>24</b>	<b>1940EST</b>			<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>Thunderstorm Winds</b>
<b>Drayton</b>	<b>24</b>	<b>1940EST</b>			<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>Hail (0.75)</b>
A rotating thunderstorm moved from central Greenville County across Spartanburg County and Cherokee County before weakening. Although it contained a well defined wall cloud and funnel cloud south of the Greenville/Spartanburg Airport it did not become severe until it reached eastern Spartanburg County. There it produced large hail and some wind damage in the form of downed trees and power lines. At least one tree fell on a car and power was knocked out to about 1,000 people for several hours.									
<b>Pickens County 2 to 10 N Pickens</b>	<b>25</b>	<b>1015EST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>Hail (1.00)</b>
<b>SOUTH CAROLINA Cont'd</b>									
<b>Easley and N of Easley</b>	<b>25</b>	<b>1035EST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>0</b>	<b>Thunderstorm Winds Hail (1.75)</b>
<b>Greenville County Furman and Berea</b>	<b>25</b>	<b>1143EST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>0</b>	<b>Hail (1.75)</b>
<b>Taylors</b>	<b>25</b>	<b>1150EST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>0</b>	<b>Hail (0.75)</b>
<b>Northern part</b>									

## Storm Data and Unusual Weather Phenomena

September 1994									
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
of Greenville	25	1200EST			0	0	4	0	Thunderstorm Winds
Greer	25	1215EST			0	0	3	0	Hail (1.75)
									Hail (1.75)
									Funnel Cloud
Spartanburg County									
Greer to west	25	1220EST			0	0	?	0	Thunderstorm Winds
side of Inman									Hail (1.75)
Roebuck	25	1330EST			0	0	?	?	Hail (0.75)
Spartanburg	25	1400EST			0	0	3	0	Thunderstorm Winds
									Hail (1.75)
Cherokee County									
Gaffney	25	1415EST			0	0	?	0	Hail (1.25)
Green River	25	1435EST			0	0	?	0	Thunderstorm Winds
									Hail (1.75)
Severe thunderstorms developed quickly late in the morning over the western part of the upstate dropping large hail in numerous locations. Damaging thunderstorm winds took down trees and power lines leaving 4,000 customers without power in the northern part of Greenville and many others were affected elsewhere. Three distinct multi-cell storms were responsible for the damage. The storm that tracked from northern Greenville into western Spartanburg County nearly became tornadic around Greer, but the funnel never developed to the ground.									
Berkeley County									
Ladson	26	1045EST			0	0	5	0	Thunderstorm Winds
Trees down, 10 roofs damaged, chimney destroyed in College Park Subdivision in Ladson area, 18 miles NNW Charleston. Damaged estimated at \$60,000.									
Clarendon County									
Sardina	26	1050EST			0	0	5	0	Lightning
A lightning-caused fire heavily damaged the Melina Presbyterian Church. Damage estimated at \$130,000.									
Darlington County									
Darlington	26	2100EST			0	0	?	0	Thunderstorm Winds
Thunderstorm accompanied by heavy rain and pea-size hail caused minor damage.									
<b>SOUTH DAKOTA</b>									
Harding, Butte									
Counties									
S of Slim Buttes	09	1600MST- 1900MST			0	0	1.0K	?	Wild/Forest Fire
Lightning started 8 to 10 prairie fires which burned about 10 thousand acres, most of which was pasture land.									
Perkins Co,	11	0200MST- 0400MST			0	0	2.0K	?	Wild/Forest Fire
SW of Bison SD									
Lightning started several prairie fires, one of which destroyed a stackmover loaded with hay bales.									
Jerauld Co,									
11WSW Wessington									
Springs SD	14	2320CST			0	0	?	0	Thunderstorm Wind
									(G62)
<b>SOUTH DAKOTA Cont'd</b>									
Sully Co,									
13SE Onida SD	14	2330CST			0	0	?	0	Thunderstorm Wind
									(G62)
Lawrence, Meade,									
Pennington Cos,	15	0800MST- 1400MST			0	0	.05M	0	High Wind
Black Hills of SD									

## Storm Data and Unusual Weather Phenomena

September 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Character of Storm
					Killed	Injured	Property - Crops	

High winds blew down trees, causing power outages and starting and sustaining several fires.

### TENNESSEE

Please refer to the second section of **Storm Data and Unusual Weather Phenomena** for additional information.

### TEXAS, Panhandle

Lipscomb County 4 S Lipscomb	07	2215CST			0	0	0	0	Hail (0.75)
Ochiltree County Perryton	07	2225CST			0	0	0	0	Hail (0.75)
Hemphill County Canadian	07	2245CST			0	0	0	0	Thunderstorm Winds (G52)
Wheeler County Allison	07	2315CST			0	0	0	0	Thunderstorm Winds (G52)
Potter County 2 NW Amarillo	08	0305CST			0	0	0	0	Hail (1.00)
Randall County 4 SW Amarillo	08	0305CST			0	0	0	0	Hail (1.25)
3 SW Amarillo	08	0308CST			0	0	0	0	Hail (1.00)
2 SW Amarillo	08	0350CST			0	0	4	0	Lightning
Potter County	08	0400CST- 0630CST			0	0	5	0	Flash Flooding
Randall County	08	0400CST- 0630CST			0	0	5	0	Flash Flooding

Severe thunderstorms moved through the Oklahoma panhandle into the northeast and central Texas panhandle producing hail up to half-dollar-size and very strong outflow and microburst winds. By early morning of the 8th these storms produced very heavy localized rain over Amarillo stalling about 30 cars and flooding some homes in low areas. A lightning caused fire did over \$5k damage to a home in southwest Amarillo.

Potter County 3 N Amarillo	21	1719CST			0	0	0	0	Hail (1.00)
2 N Amarillo	21	1726CST			0	0	0	0	Hail (1.00)

Quarter-size hail fell in northern Amarillo and was reported by local TV meteorologist.

### TEXAS, Northern

Ellis County Waxahachie	01	1730CST			0	0	4	0	Flash Flooding
A nursing home was partially flooded, and the roof of a vacant restaurant collapsed from standing water.									
Collin County Farmersville	02	1155CST			0	0	0	0	Flash Flooding
The intersection of Highway 78 and Highway 380 flooded, and minor flooding occurred in City Hall.									
Cherokee County 4 S Rusk	02	1240CST			0	0	0	0	Flash Flooding
Flooding occurred on Highway 69 south of Rusk.									
Denton County Lewisville	02	1330CST			0	0	0	0	Flash Flooding

### TEXAS, Northern Cont'd

Three roads were closed by high water.

Denton	02	1335CST			0	0	0	0	Flash Flooding
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Twenty streets were closed by high water.

Shelby County Shelbyville	06	1605CST			0	0	3	0	Thunderstorm Winds (G69)
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## Storm Data and Unusual Weather Phenomena

September 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Center	Trees were blown down by high winds.								
	06	1605CST			0	0	3	0	Thunderstorm Winds
Bosque County 5 SW Clifton	Trees were blown down by high winds.								
	08	1100CST			0	0	4	0	Thunderstorm Winds
Meridian McLennan County Waco Waco	A camper shell was destroyed and the wooden frame of a barn was blown down by high winds.								
	08	1217CST			0	0	0	0	Thunderstorm Winds (G52)
	08	1617CST			0	0	0	0	Hail (0.75)
	08	1620CST			0	0	0	0	Hail (0.75)
<b>TEXAS, Southern</b>									
Lee County Lexington									
	01	1715CST	0.1	100	0	0	1K	0	Tornado (F0)
Hays County Buda	Large trees were twisted and broken in two by a small tornado.								
	07	1200CST			0	2	0	0	Lightning
Kerr County Countywide	A female, 18-years-old, and a male, 16-years-old, were struck while walking outdoors.								
	07	1900CST			0	0	5K	3K	Flash Flood
Bexar County San Antonio	A general four-inch rain fell across the county with totals of up to six inches in the north and east parts of the county.								
	07	2130CST			0	0	650K	0	Lightning
Williamson County Countywide	Lightning started a fire at an apartment complex, causing severe damage. The lightning also produced power outages across the northern part of the city of San Antonio.								
	08	0500CST			0	0	30K	10K	Flash Flood
Washington County 10 NE Brenham	General one- to two-inch rains fell over Williamson County in the early morning hours, with four to five inches of rain between Hutto and Taylor. Several cars were reported washed from roadway between these two towns. No injuries were reported.								
	08	1820CST					3	0	Thunderstorm Winds (G52) Hail (0.75)
Jefferson County Beaumont									
	09	1400CST			0	0	2K	0	Thunderstorm Winds (G50)
Bee County 10 E Beeville	An isolated gust was reported in a thunderstorm at the National Weather Service Office.								
	09	1707CST			0	0	0	0	Funnel
San Patricio County 10 SE Mathis									
	10	0025CST			0	0	0	0	Funnel
Brazoria County Surfside	10	1130CST	0.5	30	0	0	4	0	Tornado (F0)
<b>TEXAS, Southern Cont'd</b>									
Nueces County Robstown	A small tornado briefly touched down in the city of Surfside, then moved offshore before dissipating. One abandoned home was completely destroyed while about seven others received minor damage to roofs and windows. The storm moved from northeast to southwest.								
	12	1254CST			0	0	0	0	Funnel
Robstown	12	1927CST			0	0	0	0	Funnel

## Storm Data and Unusual Weather Phenomena

September 1994

September 1994									
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Character of Storm	
					Killed	Injured	Property	Crops	
<b>5 E Robstown</b>	<b>12</b>	<b>1930CST</b>	<b>0.1</b>	<b>100</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Tornado</b>
A small tornado touched down briefly in fields east of Robstown, but caused no damage.									
<b>Nueces County Robstown</b>	<b>14</b>	<b>1515CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Funnel</b>
<b>Travis County Austin</b>	<b>14</b>	<b>1630CST</b>			<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>Lightning</b>
Two men, aged 29 and 19, were working in a field in Austin when they were struck by lightning.									
<b>Bexar County 15 SE San Antonio</b>	<b>15</b>	<b>1230CST</b>			<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>Lightning</b>
A man, aged 62, was struck by lightning as he and a friend were fishing on Calaveras Lake southeast of San Antonio.									
<b>San Patricio County Mathis</b>	<b>15</b>	<b>1330CST- 1430CST</b>			<b>0</b>	<b>0</b>	<b>10K</b>	<b>0</b>	<b>Flooding</b>
A violent thunderstorm struck Mathis, producing four- to five-inch rainfall as well as lightning that caused power outages. Brief flooding of local homes was reported.									
<b>TEXAS, Western</b>									
<b>Crane County</b>	<b>01</b>	<b>0000CST- 0145CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Flash Flood</b>
<b>Upton County</b>	<b>01</b>	<b>0000CST- 0145CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Flash Flood</b>
Flooding from the night of August 31 continued into the morning of September 1. U.S. Highway 385 and State Highway 349 were closed during the flooding.									
<b>Pecos County</b>	<b>01</b>	<b>1140CST- 1230CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Flash Flood</b>
Rains to five inches fell in the morning causing minor flash flooding in the eastern portions of the county.									
<b>Reeves County 2 W Pecos</b>	<b>05</b>	<b>1805CST</b>			<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>Hail (1.00)</b>
<b>Winkler County 1 S Kermit</b>	<b>05</b>	<b>1900CST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>2</b>	<b>Hail (1.75)</b>
A Pecos radio station reported quarter-size hail lasting for 10 minutes near Pecos. The public reported up to golf ball-size hail lasting for just under 10 minutes on the south side of Kermit.									
<b>Dawson County</b>	<b>06</b>	<b>0030CST- 0300CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Flash Flood</b>
<b>Gaines County</b>	<b>06</b>	<b>0030CST- 0100CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Flash Flood</b>
The Dawson County Sheriff's Office reported streets under water in Lamesa. The Gaines County Sheriff's Office reported similar flooding in Seminole.									
<b>Dawson County</b>	<b>07</b>	<b>0615CST</b>			<b>0</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>Flash Flood</b>
Continuous rains overnight of up to 6.3 inches caused flooding in Lamesa. By daybreak the sheriff's office reported waist-deep water in some low-lying parts of town. Most of the flooding was in the north and east parts of town. The Red Cross opened a shelter after 50 homes were threatened by flooding. City officials estimated the total property damages at \$65,000.									
<b>TEXAS, Western Cont'd</b>									
<b>Tom Green County 5 S SJT</b>	<b>08</b>	<b>0455CST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (0.75)</b>
<b>Tom Green County</b>	<b>08</b>	<b>0455CST- 0900CST</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>Flash Flood</b>
Dime-size hail was reported by spotters between San Angelo and Cristoval. Heavy rain from the morning thunderstorms caused flash flooding in the southern part of Tom Green County.									

# Storm Data and Unusual Weather Phenomena

September 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Character of Storm
					Killed	Injured	Property - Crops	

Highway 277 through Cristoval was closed due to high water that flowed across the road. One home sustained minor flood damage.

## Lubbock County Reese Air Force Base Lubbock

14	1650CST	0	0	3	0	Thunderstorm Winds (G62)
14	1705CST	0	0	3	0	Thunderstorm Winds

A severe thunderstorm caused strong winds from Reese Air Force Base (10 miles west of Lubbock) into Lubbock. Wind gusts between 60 and 65 knots were recorded at Reese Air Force Base, and one large tree was partially blown over there. The high winds knocked down two small fences in Lubbock and slightly damaged one building.

## UTAH

### Salt Lake County Sandy

01	pm hours	0	0	0	0	Lightning
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Lightning struck a house in Sandy starting an attic fire.

### Tooele County Wendover Salt Lake County Salt Lake City

06	0754MST	0	0	0	0	Thunderstorm Wind (G51)
08	2040MST	0	0	0	0	Thunderstorm Wind (G53)

Microburst winds to 60 mph were measured at the WSFO Salt Lake City.

### Washington County Santa Clara Washington County St. George

18	1411MST	0	0	0	0	Thunderstorm Winds (G53)
29	1934MST	0	0	0	0	Thunderstorm Wind (G59)

## VERMONT

None reported.

## VIRGINIA

### Halifax County Clover

06	1800EST	0	0	2	1	Thunderstorm Wind (G50)
06	1800EST	0	0	1	1	Hail(0.75)

Trees and powerlines down in Clover. Dime size hail reported.

### Mecklenburg County Chase City

06	1830EST	0	0	3	1	Flash Flooding
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About three inches of rain fell from a thunderstorm flooding streets and basements in Chase City.

### Lunenburg County Lunenburg

06	1815EST	0	0	3	0	Thunderstorm Wind
06	1830EST	0	0	2	4	Hail (0.75)

A severe thunderstorm produced dime-sized hail which destroyed or damaged 23 acres of tobacco crop near Lunenburg. The hail, which fell for five minutes, covered the ground. Damaging winds associated with the storm knocked several trees down nearby, destroying a tool shed in the process.

### Dinwiddie County McKenny

06	1930EST	0	0	1	1	Hail (0.88)
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Nickel-size hail reported in McKenny.

## VIRGINIA Cont'd

### Norfolk Region Btwn Portsmouth & Hampton Roads

22	0630EST- 0730EST	0	0	6	0	High Winds Seas
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A gale moving from Cape Hatteras North Carolina through the lower Chesapeake bay produced a rapid increase in winds which gusted between 59 and 65 mph and wave heights to 6 feet. The high winds and seas caused nine barges to break loose from a tugboat moving south from the

## Storm Data and Unusual Weather Phenomena

September 1994

September 1994								
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured		Estimated Damage Property Crops	Character of Storm
								<p>James River. One barge sank, and the other eight gravel and sand-filled barges repeatedly crashed into pilings on the Monitor-Merrimac Memorial Bridge-Tunnel. The bridge-tunnel sustained cosmetic damage at the surface but more substantial damage just below. Northbound traffic was diverted to other arteries for 11 hours following the accident.</p> <p>At the nearby Jamestown-Scotland Ferry, 70-mph winds forced a floating crane barge to break loose and ram the ferry dock moments after the ferry had ceased operations due to the storm. Damage to the dock was minimal.</p>
Virginia Beach	22	0600EST			0	0	5 0	High Winds
								<p>Wind gusts between 59 and 65 mph tore the brick facade off a four-story ocean front resort hotel. The debris damaged several parked vehicles.</p>
York County Yorktown Beach	22	0900EST- 1100EST			0	0	4 0	Coastal Flooding
								<p>High tides of 5.1 feet above mean lower-low water levels, combined with average waves of 5 to 6 feet, caused minor local flooding along Water Street in Yorktown.</p>
Southampton County	22	1300EST- 1400EST			0	0	3 0	High Winds
Sussex County	22	1300EST- 1400EST			0	0	3 0	High Winds
Wakefield	22	1300EST- 1400EST			0	0	4 0	High Winds
Greensville County	22	1300EST- 1400EST			0	0	3 0	High Winds
Emporia	22	1300EST- 1400EST			0	0	3 0	High Winds
Isle of Wight County	22	1300EST- 1400EST			0	0	4 0	High Winds
Prince George County	22	1300EST- 1400EST			0	0	4 0	High Winds
Hopewell	22	1400EST- 1500EST			0	0	3 0	High Winds
Henrico County	22	1400EST- 1500EST			0	0	3 0	High Winds
Richmond	22	1400EST- 1500EST			0	0	3 0	High Winds
Hanover County	22	1400EST- 1500EST			0	0	3 0	High Winds
Louisa County	22	1500EST- 1600EST			0	0	3 0	High Winds
Greene and Orange County Line	22	1600EST- 1700EST			0	0	3 0	High Winds
								<p>High winds spawned by a gale moving from the Norfolk area up the Chesapeake Bay produced mainly tree damage in portions of a large area of southeastern Virginia. Two trees fell on a home in Hopewell, causing extensive damage to a home in Emporia, and another tree fell on a car near Hopewell. Other trees and limbs fell onto power lines near Richmond, causing 7000 customers to lose electricity. A downed tree blocked local road 607 along the Orange/Greene County line for 30 minutes.</p>
Northumberland County	22	1500EST- 1600EST			0	0	5 0	Coastal Flooding
Lewisetta	22	1500EST- 1600EST			0	0	4 0	Coastal Flooding
Lancaster County	22	1500EST- 1600EST			0	0	3 0	Coastal Flooding
Essex County	22	1600EST- 1500EST			0	0	3 0	Coastal Flooding
Middlesex County	22	1500EST- 1600EST			0	0	3 0	Coastal Flooding
Mathews County	22	1500EST			0	0	3 0	Coastal Flooding
VIRGINIA Cont'd								
								<p>Coastal flooding occurred on the western shores of the Chesapeake Bay, primarily during high tide prior to passage of the gale. Other minor flooding occurred on the downwind portion of the lower Rappahannock River. The hardest hit area was Lewisetta/South Sound area of Northumberland County, where nearly the entire town was submerged at high tide, which occurred at 1530 EST. After the gale passed, the winds shifted around to the southwest, quickly ending the flood threat.</p>
Caroline County	26	0100EST			0	0	4 0	Thunderstorm Wind

### VIRGINIA Cont'd

## Storm Data and Unusual Weather Phenomena

September 1994

September 1994								
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed   Injured		Estimated Damage Property   Crops	Character of Storm
Corbin								
	A dozen trees were knocked down on a large farm in northern Caroline County. Five or six of the trees were nearly 150 years old.							
Halifax County South Boston	26	0015EST			0	0	3   0	Thunderstorm Wind
	Several trees were knocked down in the Dan River Community near South Boston.							
Buckingham County Buckingham	26	1310EST			0	0	3   0	Thunderstorm Wind
	Thunderstorm winds knocked down trees near the county courthouse in Buckingham.							
Fluvanna County Troy	26	1345EST			0	0	4   0	Thunderstorm Wind
	Thunderstorm winds knocked down trees across a road near Troy. A tree fell on a house in the Troy area.							
Spottsylvania County	26	1400EST- 1415EST			0	0	4   0	Thunderstorm Wind
	Thunderstorm winds blew down numerous trees near Lake Anna and Belmont. Cleanup crews spent nearly 5 hours removing the debris.							
Spotsylvania County Fredericksburg	26 26	1430EST 1430EST			0 0	0 0	5 3   0 0	Lightning Thunderstorm Wind
	Lightning struck a home in downtown Fredericksburg, setting it ablaze. Damage was estimated at around \$50,000. At approximately the same time, thunderstorm winds ripped a section of a storage shed at a nearby hardware store and blew it onto another building.							
Stafford County	26	1502EST			0	0	0   0	Hail (0.75)
	Dime size hail and wind gusts to 54 mph were reported.							
Nottoway County W Portion	26	1705EST- 1715EST			0	0	3   2	Hail (1.00)
	One inch diameter hail piled up as high as six inches in the Crewe/Burkeville area.							
Chesterfield County NW Portion	26	1735EST- 1740EST			0	0	2   0	Hail (1.75)
	Half-dollar sized hail fell northwest of Robious and golfball size hail fell in Midlothian.							
Loudoun County N Portion	31	1645EST			0	0	2   0	Thunderstorm Wind
	Tree limbs were blown down by thunderstorm winds north of Leesburg. A pole was also blown down in the Purcellville area.							
WASHINGTON								
Spokane County	10	1600PST			0	?	?   0	Thunderstorm
	U.S. Highway 395 reported four inches hail with a funnel cloud sited over Loon Lake. Various reports of urban flooding in north Spokane with downed power lines due to lightning strikes.							
WEST VIRGINIA, Eastern								
Jefferson County Harpers Ferry	13	1445EST			0	0	2   0	Thunderstorm Wind
	Thunderstorm winds knocked down large branches, a tree and a telephone pole just southwest of Harper's Ferry. Hail also fell of unknown size.							
WEST VIRGINIA								

## Storm Data and Unusual Weather Phenomena

September 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<b>Putnam County</b>									
<b>Hurricane</b>	<b>24</b>	<b>1530EST</b>			<b>0</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>Lightning</b>
A two story house was destroyed by fire.									
<b>Mingo County</b>									
<b>Williamson</b>	<b>25</b>	<b>1400EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (0.75)</b>
<b>Chattaroy</b>	<b>25</b>	<b>1400EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (0.75)</b>
<b>Lenore</b>	<b>25</b>	<b>1415EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (0.75)</b>
<b>Dingess</b>	<b>25</b>	<b>1425EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (0.75)</b>
<b>Wood County</b>									
<b>Parkersburg</b>	<b>25</b>	<b>1435EST</b>			<b>0</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>Hail (1.00)</b>
<b>Pettyville</b>	<b>25</b>	<b>1440EST</b>			<b>0</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>Hail (2.25)</b>
<b>Lewis County</b>									
<b>Camden</b>	<b>25</b>	<b>1436EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (1.00)</b>
<b>Weston</b>	<b>25</b>	<b>1527EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (0.75)</b>
<b>Logan County</b>									
<b>Chapmanville</b>	<b>25</b>	<b>1440EST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Hail (1.75)</b>
<b>Boone County</b>									
<b>Danville</b>	<b>25</b>	<b>1503EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (0.75)</b>
<b>Lincoln County</b>									
<b>Hamlin</b>	<b>25</b>	<b>1520EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (0.75)</b>
<b>Kanawha County</b>									
<b>Charleston</b>	<b>25</b>	<b>1522EST</b>			<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Hail (0.75)</b>
<b>Elkview</b>	<b>25</b>	<b>1540EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (0.75)</b>
<b>Cabell County</b>									
<b>Huntington</b>	<b>25</b>	<b>1531EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Thunderstorm Winds</b> <b>Hail (0.75)</b>
<b>Mason County</b>									
<b>Leon to</b>									
<b>Southside</b>	<b>25</b>	<b>1610EST</b>			<b>0</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>Hail (2.75)</b>
<b>Fayette County</b>									
<b>Gauley Bridge</b>	<b>25</b>	<b>1615EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Thunderstorm Winds</b> <b>Hail (1.00)</b>
<b>Roane County</b>									
<b>Amma</b>	<b>25</b>	<b>1630EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (0.75)</b>
<b>Marshall County</b>									
<b>Countywide</b>	<b>25</b>	<b>1640EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (1.00)</b>
<b>Taylor County</b>									
<b>Grafton</b>	<b>25</b>	<b>1654EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (0.88)</b>
<b>2 NE Grafton</b>	<b>25</b>	<b>1715EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Thunderstorm Winds</b>
<b>1 E Thornton</b>	<b>25</b>	<b>1720EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (0.75)</b>
<b>Preston County</b>									
<b>Arthurdale</b>	<b>25</b>	<b>1725EST</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>Thunderstorm Winds</b>
<b>Arthurdale</b>	<b>25</b>	<b>1725EST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>0</b>	<b>Hail (1.75)</b>
<b>Masontown</b>	<b>25</b>	<b>1735EST</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>0</b>	<b>Hail (1.00)</b>
<b>Newburg</b>	<b>25</b>	<b>1740EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Hail (1.00)</b>
<b>Monongalia County</b>									
<b>Bertha Hill</b>	<b>25</b>	<b>1745EST</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Thunderstorm Winds</b>

Pulsing thunderstorms ahead of a cold front, produced considerable hail. Hail the size of golf balls to baseballs hit the south side of Parkersburg and the lower Kanawha Valley in Mason County. Windows in vehicles and on homes were shattered. Hundreds of vehicles were also dented. Insurance companies set up "catastrophe" tents to handle the large number of damaged vehicles.

### WEST VIRGINIA Cont'd

The most damage due to the wind was across western Preston County. Three homes sustained minor to moderate damage from fallen trees. One pole barn was destroyed and the roof of a school bus was crushed by a tree. Downed power lines knocked out power to 600 homes. Tree damage covered a one square mile area with Route 92 closed by fallen trees. Golf ball-size hail fell to depths of six to eight inches in Preston County.

### WISCONSIN

## Storm Data and Unusual Weather Phenomena

September 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<b>Lake Michigan</b>									
15 E Milwaukee	02	1152CST			0	0	0	0	<b>Waterspout</b>
15 E Milwaukee	02	1340CST			0	0	0	0	<b>Waterspout</b>
A pair of waterspouts were observed east of Milwaukee over Lake Michigan.									
<b>Winnebago County</b>									
10 SW Oshkosh	08	1545CST			0	0	?	?	<b>Hail (0.88)</b>
<b>Fond du Lac County</b>									
2 SE Eldorado	08	1625CST			0	0	?	?	<b>Hail (1.00)</b>
2 E Eldorado	08	1630CST			0	0	?	?	<b>Hail (0.75)</b>
A severe thunderstorm dropped hail up to one inch in diameter near Eldorado and nickel-size hail southwest of Oshkosh.									
<b>Richland County</b>									
Cazenovia	09	0938CST			0	0	?	?	<b>Hail (1.00)</b>
<b>Sauk County</b>									
2 E Reedsburg	09	1015CST			0	0	?	?	<b>Hail (1.00)</b>
<b>Juneau County</b>									
1 E Necedah	09	1030CST			0	0	?	?	<b>Hail (1.00)</b>
New Lisbon	09	1730CST			0	0	?	?	<b>Hail (1.75)</b>
New Lisbon	09	1740CST			0	0	?	?	<b>Hail (1.00)</b>
New Lisbon	09	1750CST			0	0	?	?	<b>Hail (1.75)</b>
New Lisbon	09	1808CST			0	0	?	?	<b>Hail (1.75)</b>
Cutler	09	1845CST			0	0	?	?	<b>Hail (1.75)</b>
New Lisbon	09	1913CST			0	0	?	?	<b>Hail (1.75)</b>
New Lisbon	09	2006CST			0	0	?	?	<b>Hail (0.75)</b>
<b>Dane County</b>									
Madison	09	1112CST			0	0	?	?	<b>Hail (0.75)</b>
Madison	09	1112CST			0	0	?	?	<b>Thunderstorm Winds</b>
1 SW Stoughton	09	1128CST			0	0	0	0	<b>Funnel Cloud</b>
Monona	09	1128CST			0	0	0	0	<b>Funnel Cloud</b>
Cottage Grove	09	1143CST			0	0	0	0	<b>Funnel Cloud</b>
<b>Jefferson County</b>									
Jefferson	09	1226CST			0	0	?	?	<b>Hail (0.75)</b>
<b>Sauk County</b>									
Ironton	09	1910CST			0	0	50K	5K	<b>Thunderstorm Winds</b>
Ironton	09	1910CST			0	0	?	5k	<b>Hail (0.75)</b>
Lake Delton	09	2008CST			0	0	?	?	<b>Thunderstorm Winds</b>
La Valle	09	2145CST			0	0	?	?	<b>Thunderstorm Winds</b>
<b>Richland County</b>									
Sextonville	09	2110CST			0	0	?	?	<b>Hail (0.75)</b>
<b>Juneau County</b>									
Wonewoc	09	2115CST			0	0	?	?	<b>Hail (0.75)</b>
<b>Rock County</b>									
Center	09	2320CST			0	0	?	?	<b>Thunderstorm Winds</b>
10S Orfordville	09	2330CST			0	0	25K	?	<b>Lightning</b>
Beloit	09	2340CST			0	0	?	?	<b>Thunderstorm Winds</b>
Newark	09	2340CST			0	0	3K	?	<b>Thunderstorm Winds</b>
<b>Fond du Lac County</b>									
Campbellsport	10	0010CST			0	0	?	?	<b>Thunderstorm Winds</b>

Scattered severe thunderstorms producing hail up to one inch in diameter and intense winds rolled through southern Wisconsin. The town of Ironton (Sauk County) was hit by violent thunderstorm winds which blew a barn over and damaged some farm machinery. Lightning

### WISCONSIN Cont'd

started a fire which destroyed a 20 by 40 foot workshop near Orfordville (Rock County). Hard hit was the New Lisbon area (Juneau County) where hail completely covered the ground and caused icy road conditions on Interstate 90-94.

### Chippewa County

Hallie	12	0730CST			0	1	0	0	<b>Lightning</b>
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Lightning struck and injured a 28-year-old man while he was working with farm machinery.

## Storm Data and Unusual Weather Phenomena

September 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<b>Langlade County</b>									
White Lake	13	1501CST			0	0	?	?	Thunderstorm Winds
<b>Oconto County</b>									
Brazeau	13	1515CST			0	2	200K	?	Thunderstorm Winds
<b>Marinette County</b>									
Peshtigo	13	1550CST			0	0	?	?	Thunderstorm Winds
<b>Trempealeau County</b>									
Taylor	13	1600CST			0	0	?	?	Hail (0.75)
<b>Door County</b>									
Sturgeon Bay	13	1620CST			0	0	25K	0	Thunderstorm Winds
<b>Jackson County</b>									
5 N Melrose	13	1630CST	2.0	400	0	0	250K	?	Tornado (F1)
<b>La Crosse County</b>									
4 E Holmen	13	1655CST			0	0	?	?	Thunderstorm Winds
<b>Adams County</b>									
Friendship	13	1802CST			0	0	?	?	Thunderstorm Winds (G70)
Adams to Easton	13	1838CST			0	0	?	?	Thunderstorm Winds
<b>Marquette County</b>									
Oxford	13	1840CST			0	0	?	?	Thunderstorm Winds

Severe thunderstorms hit parts of west-central...central and east-central Wisconsin with damaging winds that knocked down trees and power lines. A tornado touched down just north of Melrose (Jackson County) and traveled southeast about two miles along Highway 54. The tornado destroyed a barn and damaged farm buildings and machinery. Severe thunderstorm winds blew a fully loaded tractor-semitrailer off the road near White Lake in Langlade County. Another hard hit area was in northern Oconto County, where a mobile home in the town of Brazeau was overturned injuring two people, and several homes were damaged.

<b>Trempealeau County</b>									
Blair	14	0400CST			0	0	?	?	Flash Flood
WIZ016-027-028	14	0500CST-							
West Central	20	1500CST			0	0	?	?	Flood
<b>Wisconsin</b>									
WIZ033-	14	0700CST-							
Trempealeau County	18	1100CST			0	0	?	?	Flood
Blair to Dodge									
<b>Marathon County</b>									
Athens	15	0040CST			0	0	?	?	Lightning
<b>Sawyer County</b>									
1 E Exeland	15	0130CST			0	0	1M	?	Flash Flood
<b>Price County</b>									
13 S Phillips	15	0200CST-			0	0	1M	?	Flash Flood
Price County	15	0400CST-							
		0530CST			0	0	30M	?	Flash Flood
<b>Washburn County</b>									
Sawyer County	15	0415CST			0	0	?	?	Flash Flood
	15	0430CST-							
		0600CST			0	0	10M	?	Flash Flood
<b>Burnett County</b>									
Danbury	15	1230CST			0	0	20M	?	Flash Flood
<b>Dunn County</b>									
1 SE Menomonie	15	1545CST			0	0	?	?	Thunderstorm Winds
<b>Oneida County</b>									
Lake Thompson	15	1555CST			0	0	0	0	Hail (1.00)

### WISCONSIN Cont'd

<b>Wood County</b>									
Grand Rapids	15	1555CST			0	0	?	0	Lightning
<b>Rusk County</b>									
1 SW Ladysmith	15	1600CST			0	0	?	?	Thunderstorm Winds
<b>Clark County</b>									
Neillsville	15	1705CST			0	0	?	?	Thunderstorm Winds

Thunderstorms producing torrential downpours developed over western and north-central parts of Wisconsin during the early morning on the 14th, again later in the evening and continued into the

# Storm Data and Unusual Weather Phenomena

September 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
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early morning hours of the 15th. Four day rainfall totals, from the 12th to the 16th, reached in excess of six inches. The highest rainfall reported was 13.10 inches near Phillips (Price County). The runoff from the four days of rain, drained into the Flambeau and Chippewa Rivers. The Flambeau River crested near Bruce (Rusk County) at 12.42 Feet on the morning of the 16th. The Chippewa River at Bruce (Rusk County) crested at 18.12 feet on the evening of the 17th. Flood stage is 12 feet. The Chippewa River crested during the evening of the 17th at Chippewa Falls (Chippewa County) at a level of 17.38 feet and flood stage is 16 feet. Several county highways were flooded across Rusk County, Chippewa County, and Eau Claire County as the rivers rose. A small portion of the University of Wisconsin Campus at Eau Claire was flooded due to the high water along the Chippewa River. On the 14th...minor flooding took place along the Trempealeau River. Several roads, including Highways 93 and 95 near Arcadia and Blair were closed through the 15th. Also, a dike near Arcadia was breached in a couple of places, but did not break. Lowland and agricultural flooding continued downstream at Dodge through the end of the week. In Trempealeau County rainfall totals of four to six inches were common along with isolated amounts of seven to eight inches. Flash flooding occurred on Tappen Coulee Creek near Blair forcing the closure of Highway 95 where two feet of water covered the road. On the 15th...severe thunderstorms uprooting trees and power lines and causing minor property damage occurred over western Wisconsin. In addition heavy rain flooded numerous basements and several roadways over northwest Wisconsin. A small dam on Glen Denning Creek near Danbury (Burnett County) gave way washing out a bridge on Highway 35. Traffic was rerouted for a month.

<b>Lake Michigan</b>	<b>25</b>	<b>0810CST</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Waterspout</b>
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A waterspout was spotted over Lake Michigan just east of Sheboygan.

<b>Dodge County</b>	<b>30</b>	<b>1240CST</b>		<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>Hail (0.75)</b>
<b>Juneau</b>	<b>30</b>	<b>1532CST</b>		<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>Hail (1.75)</b>
<b>Randolph</b>	<b>30</b>	<b>1532CST</b>		<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>Hail (1.75)</b>
<b>Fox Lake</b>	<b>30</b>	<b>1540CST</b>		<b>0</b>	<b>0</b>	<b>200K</b>	<b>?</b>	<b>Hail (1.50)</b>
<b>Beaver Dam</b>	<b>30</b>	<b>1545CST</b>		<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>Hail (1.75)</b>
<b>Juneau</b>	<b>30</b>	<b>1545CST</b>		<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>Hail (1.75)</b>
<b>Horicon</b>	<b>30</b>	<b>1545CST</b>		<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>Hail (1.75)</b>

Severe thunderstorms deposited hail up to the size of golf balls over parts of Dodge County. About 100 vehicles received hail damage in Beaver Dam, nearly 50 of them on one auto dealer's lot.

## WYOMING

Please refer to the second section of **Storm Data and Unusual Weather Phenomena** for additional information.

## ALASKA, Northern

<b>AKZ024</b>	<b>15</b>	<b>1600ADT</b>		<b>?</b>	<b>?</b>	<b>?</b>	<b>?</b>	<b>High Winds</b>
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Large low east of ADQ moving to near MCG. Second storm developing near SNP moving northward. Winds reported NE 45 gusts to 60.

<b>AKZ024</b>	<b>19</b>	<b>1600ADT</b>		<b>?</b>	<b>?</b>	<b>?</b>	<b>?</b>	<b>High Winds</b>
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A large storm was reported near CDB moving northward to Bristol Bay.

<b>AKZ001</b>	<b>26</b>	<b>0500ADT</b>		<b>?</b>	<b>?</b>	<b>?</b>	<b>?</b>	<b>High Winds</b>
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## ALASKA, Northern Cont'd

Low north of Barter Island drifting northeastward and a cold front moving southward from the low.

<b>AKZ001</b>	<b>30</b>	<b>1030ADT</b>		<b>?</b>	<b>?</b>	<b>?</b>	<b>?</b>	<b>High Winds</b>
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Large storm moving eastward across Beaufort Sea.

## ALASKA, Southern

<b>Aleutians</b>	<b>4-6</b>			<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>High wind</b>
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Remains of tropical storm "IVY" at 37N/165E moved north northeast to 120 miles south of

# Storm Data and Unusual Weather Phenomena

September 1994

September 1994									
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Character of Storm	
					Killed	Injured	Property	Crops	
<p>Shemya at 4pm Sunday. Peak wind at Shemya reached 62 mph on Saturday (9/4) and 47 mph on Sunday (9/5). Strong winds in excess of 46 mph were also reported around Adak and within 240 miles of the low in the southwest semicircle. The low curved northwest toward the Komandorskiye Islands 4am Monday (9/6) and winds diminished.</p>									
<b>Aleutians Ak Peninsula</b>	<b>10</b>				<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>High Wind Record Warmth</b>
<p>Remains of tropical storm "John" moved north through the central Pacific over Dutch Harbor at 10 am Saturday (9/10). High temperature reached 66 degrees at both Dutch Harbor and Cold Bay on Saturday. Winds gusted to 46 mph at Cold Bay on Saturday.</p>									
<b>Southwest Ak</b>	<b>12- 15</b>				<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>High wind</b>
<p>A moderate 987mb low in the central Bering Sea moved to near Port Heiden on the Alaska Peninsula Tuesday 9/13) as a 969mb center, then to 60 miles southeast of Kodiak as a 970mb low Wednesday (9/14). The low then weakened 120 miles southeast of Kodiak Thursday (9/15). Winds gusted to 52 mph on Tuesday and 47 mph on Wednesday at cold Bay, 47 mph on both Tuesday and Wednesday at Cape Newenham, 47 mph Wednesday at Cape Romanzof. At Adak, wind gusts reached 46 mph on Monday (9/12), 55 mph on Tuesday and 47 mph on Wednesday. At Dutch Harbor winds gusted 51 mph on Tuesday and 48 mph Wednesday.</p>									
<b>Aleutians Ak Peninsula</b>	<b>16- 18</b>				<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>High wind</b>
<p>An "arctic" type low (referred to as a polar low in some publications) moved southeast through the Bering to near Saint Paul Island on Friday (9/16) then to 60 miles southeast of Sand Point as an intense 978mb low Saturday (9/17) then weakened to 980mbs near Port Heiden Sunday (9/18). Winds 38 to 54 mph were observed in the west semicircle of the low out to 480 miles.</p>									
<b>Kodiak Island Southwest Ak S Cntrl Ak</b>	<b>19- 20</b>				<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>High wind</b>
<p>A deep low, estimated below 968mbs, moved from the central Pacific to 240 miles south of Cold Bay on Monday (9/19) then to 60 miles northeast of Cold Bay as an intense 963mb center at 4am Tuesday 9/20). The low then moved to between Cape Newenham and Saint Paul Island at 4am Tuesday and began to slowly weaken. Winds slowly started to subside on Tuesday. Gale to storm winds (38+ mph) accompanied this low. Peak winds observed were...</p>									
<p>Place winds</p>									
<p>Sitkinak (Kodiak Island) 73 mph on Monday</p>									
<p>Dutch Harbor 69 mph on Monday</p>									
<p>Kodiak city (airport) 52 mph on Tuesday</p>									
<p>Port Heiden 47 mph on Tuesday</p>									
<p>Dillingham 50 mph on Tuesday</p>									
<p>Iliamna 61 mph on Tuesday</p>									
<p>King Salmon 71 mph on Tuesday</p>									
<p>Togiak 50 mph on Tuesday</p>									
<p>Bethel 50 mph on Tuesday</p>									
<p>Middleton Island 68 mph on Tuesday</p>									
<b>ALASKA, Southern Cont'd</b>									
<p>Seal Island (Prince William Snd) 66 mph on Tuesday</p>									
<p>Anchorage (hillside) 73 mph on Tuesday</p>									
<b>Aleutians Ak Peninsula</b>	<b>22- 24</b>				<b>0</b>	<b>0</b>	<b>?</b>	<b>?</b>	<b>High wind</b>
<p>A developing central Pacific low moved to 480 miles south of Dutch Harbor as a strong 967mb center 4pm Thursday (9/22), then to 180 miles south southeast of Sand Point at 4pm Friday (9/23), then to 90 miles southeast of Kodiak as a 969mb center Friday night. The low then weakened to a 976mb center 60 miles southwest of Middleton Island 4pm Saturday (9/24). A strong weather front associated with this low was just south of the Aleutians and Alaska</p>									

## Storm Data and Unusual Weather Phenomena

September 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed   Injured	Estimated Damage Property   Crops	Character of Storm
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Peninsula Thursday night and approached the North Gulf of Alaska coast Friday night. Winds above 54 mph were reported in the south semicircle out 240 miles of the low on Thursday and across Pacific Ocean areas of the eastern Aleutians and Alaska Peninsula ahead of the front Thursday. Local winds in excess of 54 mph were observed in advance of the front Friday night and Saturday. Peak landbased winds associated with this system were...  
 Sitkinak (Southwest side of Kodiak Island) 68 mph on Friday,  
 Middleton Island 69 mph on Saturday.

### Ern Aleutians Alaska Peninsula

29-30					0   0	?   ?	High wind
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A rapidly deepening low moved to 420 miles south of Dutch Harbor as an intense 955mb center 10 pm Thursday (9/29) then to 270 miles south of Cape Sarichef as an estimated 949mb center 4pm Friday (9/30). Wind gusts of 86 mph were recorded at Dutch Harbor and 61 mph at Cold Bay on Friday. Storm force winds in excess of 69 mph were reported over open waters of the North Pacific around the southwest and west sides of the low.

### ALASKA, Southeastern

Please refer to the second section of **Storm Data and Unusual Weather Phenomena** for additional information.

### HAWAII

#### Kauai HIZ001

01	0400HST				0   0	0   0	Flash Flooding
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Heavy showers cause localized flooding in the Wainiha area, with road closures near Hanalei and for the Kuhio Highway in low-lying areas.

#### Hawaii HIZ004

18	1900HST				0   1	3   0	Flash Flooding
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A tropical disturbance passing south of Hawaii brought more than 12 inches of rain to parts of the Hilo and Puna Districts. Flooding closed Kamehameha Avenue in Hilo, the Keaau-Pahoa Highway in Puna, and the Hawaii Belt Road between Naalehu and Pahala in Kau. A police officer was struck by lightning while inspecting flood waters in his backyard. According to the man's doctor, the lightning probably entered his body through the soles of his feet and exited through his right palm which was burned.

#### Maui HIZ003

18	1900HST				0   0	4   0	Flash Flooding
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Moisture from a tropical disturbance south of Hawaii produced heavy showers and isolated thunderstorms to East Maui, causing minor flooding and landslides. Roads were damaged in Hana, and road closures occurred from Kipahulu to Kaupo due to damaged pavement from runoff.

#### Oahu HIZ002

18	2300HST				0   0	3   0	Flash Flooding
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An unstable airmass and moisture associated with a tropical disturbance passing south of Hawaii, triggered showers and thunderstorms which produced over five inches of rain in a six hour period on parts of central Oahu and the Punaluu area of windward Oahu. Street flooding occurred in Mililani, and some bridges were closed due to high water.

#### Hawaii HIZ004

19	0600HST				0   0	5   0	Flash Flooding
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### HAWAII Cont'd

The remnant moisture from a tropical disturbance brought renewed convection and more widespread heavy showers to the Hilo, Puna, and Kau Districts. Heavy showers caused mudslides along the Hamakua Coast, and many roads remained impassable for most of the day. The Red Cross opened four emergency shelters. The mayor of Hawaii County declared a state of emergency for Hilo, Puna, and Kau. All public and most private schools were closed, and many businesses were shut down. Alenaio Stream flooded some of the same businesses in Hilo that were flooded the previous month. Three hundred to four hundred homes received minor damage. Hilo recorded 9.43 inches of rainfall in the 24 hours ending at 1400 HST, setting a new record for any 24-hour period during the month of September. Glenwood recorded 14.60 inches during the same 24 hours. Lightning knocked out the Puna Geothermal Venture's 25-megawatt Pohoiko power plant.

#### Kauai HIZ001

19	1700HST				0   0	1   0	Flash Flooding
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## Storm Data and Unusual Weather Phenomena

September 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured		Estimated Damage Property Crops	Character of Storm
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Showers and isolated thunderstorms caused heavy rains over north and interior parts of the island late in the day. Flooding closed Kuhio Highway near the Hanalei Bridge.

### PACIFIC

Data not received.

### PUERTO RICO

<b>Anasco</b>	<b>09 1640AST</b>				<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>Urban/Small Stream Flood</b>
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Small stream overflowed its banks flooding a house.

<b>Aguada</b>	<b>09 PM</b>				<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Heavy Rain</b>
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River Culebrinas destroyed a 4x2 section of a bridge as a dirt embankment collapsed. Construction had been going in the area and the rains contributed to the collapse. River Pico de Piedra was reported out of its bank and still rising at road 2.

<b>Guayama</b>	<b>10 1030AST</b>	<b>?</b>	<b>?</b>		<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>Waterspout</b>
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Waterspout moved inland at Barrio Cimarrona downing a tree which fell on a wood house damaging its zinc roof and a wall.

<b>PRZ001-005</b>	<b>10</b>				<b>1</b>	<b>1</b>	<b>4</b>	<b>3</b>	<b>Tropical Storm</b>
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The center of Tropical Storm Debby passed about 200 miles south of San Juan on 09-10 at 2000 AST. The strongest winds were felt at San Juan around 1145 AST and 1423 AST when peak gusts of 38 knots were recorded at the Luis Munoz Marin International Airport. Most of the damage associated with "Debby" was downed trees and power lines across several sectors of the island. A tree fell on a wood house at Barrio Pinas in San Juan destroying the structure. In Manati, at the Pregnado sector a house lost its roof. Heavy surf and rough seas intruded into some coastal houses at Santa Isabel and Juana Diaz. Road 3, and La Fanduca sector at Naguabo were threatened by the heavy surf, although in front of Tito's Mikes, and at the Tropical Beach urbanization the sea intruded into the road. At Yabucoa rough seas also threatened two houses at Playa El Negro forcing the families to seek shelter. The ferry boat was unable to leave safe port at Culebra due to rough seas, twenty-five passengers were stranded at the island. Only one indirect death and one injured were attributed to "Debby" when a wave overtook two shore fisherman at Barrio Los Morrillos in Cabo Rojo. The dead person name was JoseLugo, a 22 year old male. (M22O)

<b>Camuy</b>	<b>11 1600AST</b>				<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>Waterspout</b>
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A waterspout moved inland and downed electrical poles.

<b>Bayamon</b>	<b>13 2200AST</b>				<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>Heavy Shower</b>
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Heavy showers produced wind gusts that downed power lines.

<b>PRZ002-003</b>	<b>15 0945AST</b>				<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>Thunderstorms Winds</b>
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Thunderstorms associated to a tropical wave generated gusty winds in Humacao that downed trees along road 77, km 84.3.

### PUERTO RICO Cont'd

<b>Guanica</b>	<b>19 2149AST</b>				<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>Urban/Small Stream Flood</b>
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Minor street flooding was reported with water reaching house level at Barrio La Lunia.

<b>Humacao</b>	<b>20 AM</b>				<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Rain</b>
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Road 3 flooded in front of Squibb Industries.

<b>Juncos</b>	<b>20 AM</b>				<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Urban/Small Stream Flood</b>
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Road 31, Juncos exit towards Naguabo was impassable.

<b>Lajas</b>	<b>20 AM</b>				<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Urban/Small Stream Flood</b>
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## Storm Data and Unusual Weather Phenomena

September 1994

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured		Estimated Damage Property Crops	Character of Storm
								Small stream went out of its banks at Barrio Boqueron, Baden sector making road 936 impassable.
Maricao	20	PM			0	0	0 0	Thunderstorm Winds
								Fallen trees at several places.
Maricao	20	PM			0	0	2 0	Heavy Rain
								House flooded at Barrio Indiera, Las Torres sector.
Maunabo	20	AM			0	0	0 0	Rain
								River Maunabo went out of its banks at the Batey Colombia sector. Road 759 was impassable with landslides. Several other landslides were reported due to the rains.
Naguabo	20	AM			0	0	0 0	Urban/Small Stream Flood
								At road 31 La Fe sector was flooded. Road 3 impassable due to several small streams being out of their banks.
Patillas	20	AM			0	0	0 0	River Flooding
								River Chico went out of its banks flooding road 3 from Patillas to Maunabo.
Ponce	20	1150AST			0	0	2 0	Urban/Small Stream Flood
								Heavy rain caused street flooding. Fagot, Las Americas, and Baldorioty avenues were impassable.
Sabana Grande	20	AM			0	0	0 0	Rain
								Fallen trees and landslides due to rains.
San Lorenzo	20	AM			0	0	0 0	River Flooding
								River Rio Grande de Loiza went out of its banks at La Marina sector. Several Landslides were also reported in the municipality.
San Lorenzo	20	PM			0	0	0 0	Urban Small Stream Flood
								A small stream went out of its banks at the Cerro Gordo sector, road 181. Another small stream went out of its banks at the Maguey sector, road 916. A landslide was also reported.
Yabucoa	20	AM			0	0	3 0	Heavy Rain
								Road 910 at Barrio Calabazas, Sodoma sector was reported flooded. River Calabazas went out of its banks at road 182 and 765. Two houses were flooded and a bridge obstructed at Parcelas Rosa Sanchez S. Vieque. A house on road 181 Barrio Guayabota was flooded at km. 20.0 A tree was reported downed at Barrio Jacana, Juan Andino sector. A tree fell on a car on road 3. River Guayanes overflowed the Central Roig bridge. Road 3 was impassable. Road 181 at km 21 was
<b>PUERTO RICO Cont'd</b>								
								flooded. Landslide along road 902, Barrio Jacana, La Piedra Blanca sector.
Yabucoa	20	1150AST			0	0	0 0	River Flooding
								River Guayanes overflowed the Central Roig bridge. Road 3 was impassable.
San Lorenzo	20	1255AST			0	0	0 0	Heavy Rain
								A landslide was reported on road 916.
PRZ001-002 002-003- 005	20				0	0	3 0	Heavy Rains

## Storm Data and Unusual Weather Phenomena

September 1994

September 1994									
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Character of Storm	
					Killed	Injured	Property	Crops	
	Tropical wave moved across Puerto Rico dumping between two and eight inches of rain across the eastern part of the island ending the hydrological drought for sections of the San Juan Metropolitan area served by the Carraizo reservoir.								
San Sebastian	21	1445AST			1	0	0	0	Lightning
	A 17 year old male was killed by lightning while picking coffee beans at Barrio Poza. (M170)								
Aguada	23				0	0	0	0	Urban Small Stream Flood
	River Culebrillas went out of its banks during a series of days at road 418.								
Naranjito	23	PM			0	0	1	0	Rain
	Landslide consisting of large rocks was reported at Barrio Ceijo.								
Ponce	23				0	0	2	0	Heavy Rain
	Landslide caused tree to fall on electric poles forcing it to the ground at Guaraguao, Las Lomas #10. At urbanization Punto de Oro the streets were reported covered by mud due to the rains. On the morning of the 24th several houses were flooded and low lying areas were reported underwater due to 2.5 inches of rain that fell since midnight.								
PRZ002	24	0934AST			0	0	0	0	Waterspout
	A waterspout was reported by aircraft 2 miles north of Culebra.								
PRZ002-003	25	0845AST			0	0	0	0	Waterspout
	Two waterspouts were reported by a citizen 4 miles southeast of Yabucoa.								
Rio Piedras	26	AM			0	0	2	0	Rain
	Saturated terrain allowed for land to collapse at the rear portion of a house at the Luciano Vazquez sector, road 176 in Cupey Alto.								
Anasco	27				0	0	1	0	Urban/Small Stream Flood
	Small stream Ajies caused fooding at Parcelas Morias.								
Lares	27	PM			0	0	0	0	Thunderstorm Winds
	Rains and winds caused a tree to fall over roads 111 and 453.								
Ponce	30	PM			0	0	2	0	Urban/Small Stream Flood
	Small stream overflowed its banks at Barriada Baldorioty Street no A-5, N-21. At Paseo Morell Campos in urbanization Punto de Oro the road was covered by water. Road 1, in front of Plaza del Caribe Mall was flooded and impassable. Road Paquito Montaner and road 26 were flooded.								
VIRGIN ISLANDS									
PRZ006-007	28	0846AST	?	?	0	0	0	0	Waterspout
	A waterspout was sighted by a helicopter 15 miles northwest of St. Croix in the U.S. Virgin Islands.								
PRZ006-007	30	1020AST	?	?	0	0	0	0	Waterspout
	Two waterspouts were reported by aircraft and a ship 7 miles west of St. Croix in the U.S. Virgin Islands.								